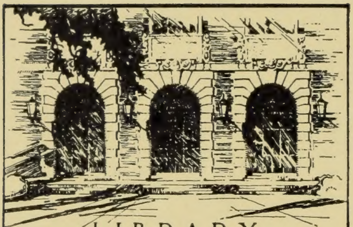

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Volume 6 Number 1

ALMA COLLEGE BULLETIN

CATALOGUE NUMBER

1908-1909

ALMA, MICHIGAN

PUBLISHED BY THE COLLEGE FOUR TIMES A YEAR,
IN MAY, AUGUST, NOVEMBER AND FEBRUARY

MAY, 1909

CATALOGUE

...OF...

ALMA COLLEGE

FOR THE YEAR 1908-1909

WITH ANNOUNCEMENTS FOR THE YEAR

1909–1910

ALMA, MICHIGAN.

Published by
THE COLLEGE.

Entered April 20, 1904, at Alma, Mich., as second-class matter,
under Act of Congress of July 16, 1894.

CALENDAR.

1909.

April	6	Tuesday	Third Term begins.
June	4	Friday	Freshman Exhibition.
June	7	Monday	Final Examinations begin.
June	13	Sunday	Address before Christian Associations 3:00 p. m. Baccalaureate Sermon, 7:30 p. m.
June	14	Monday	CLASS-DAY— Class-Day Exercises, 3:00 p. m. Graduating Exercises of the Commercial School, 8:00 p. m.
June	15	Tuesday	Closing Exercises of the Kindergarten Department, 10:00 a. m. Annual Concert, 8:00 p. m.
June	16	Wednesday	ALUMNI DAY— Graduating Exercises of the Academy, 10:00 a. m. Public Exercises of the Alumni Association, 3:00 p. m. College Prayer Meeting, 7:00 p. m. Senior Promenade, 8:00 p. m. President's Reception, 8 to 10 p. m.
June	17	Thursday	COMMENCEMENT, 10:00 a. m. Commencement Banquet, 1:00 p. m.

SUMMER VACATION.

Sept.	14	Tuesday	Matriculation.
Sept.	15	Wednesday	First Term begins.
Nov.	25	Thursday	Thanksgiving Day Recess.
Dec.	21	Tuesday	First Term ends.

WINTER VACATION.

1910.

Jan.	4	Tuesday	Second Term begins.
Jan.	21	Friday	Sophomore Exhibition.
Jan.	28	Friday	Junior Exhibition.
Jan.	31	Monday	Semi-Annual Examinations begin.
Feb.	4	Friday	FIRST SEMESTER ends.
Feb.	7	Monday	SECOND SEMESTER begins.
Mar.	24	Thursday	Second Term ends.

SPRING VACATION.

April	5	Tuesday	Third Term begins.
June	3	Friday	Freshman Exhibition.
June	16	Thursday	COMMENCEMENT.

IN NOMINE DEI, AMEN.

Resolved, That in view of all the facts brought before us, we will, with God's help, establish and endow a college within our bounds.

—Synod of Michigan, Grand Rapids, Oct. 14, 1886.

The Corporation.

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Rev. David Howell, Lansing.
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James R. Wylie, Grand Rapids.
Francis Hood, Pentoga.
Ammi W. Wright, Alma.
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Class of 1911—

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315 Grant Avenue.

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412 Maple Avenue.

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525 West Superior Street.

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Wright Hall.

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Wright Hall.

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714 N. State Street.

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611 W. Center Street.

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309 Grant Avenue.

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Wright Hall.

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423 Mechanic Street.

MRS. ELEANOR O. PERIAM,

Associate Principal of the Training School for Kindergartners
423 Mechanic Street.

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Medical Examiner for Gymnasium Work.
630 State Street.

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Director of Physical Training for Women,
Instructor in German.
801 W. Superior Street.

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Director of Physical Training for Men,
Instructor in History.
Pioneer Hall.

STANDING COMMITTEES OF THE FACULTY.

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Aid to Students—Professors Ewing and Clizbe.

Appointments—Professors Mitchell, West, MacCurdy and Miss Mingins.

Curriculum—Professors Ewing, Bruske and Mullenbach.

Athletics—Professor Mitchell, Mr. Carrithers, Miss Bruske.

Commencement Exercises—President Bruske, and the Heads of Departments.

Catalogue—President Bruske, Professors Ewing, Cook and Mitchell.

Graduate Work—Professors Ewing, Mitchell and Haughawout.

Honorary Degrees—Professors Clizbe and Notestein.

Library—Miss Lizabeth Case, Professors Ewing and Mitchell, and Miss Helen Cook.

New Teachers—President Bruske, Professors Notestein and Haughawout.

Religious Exercises—President Bruske, Professors Clizbe and Notestein.

OTHER OFFICERS.

ALBERT P. COOK, Secretary. JOHN T. EWING, Registrar.
HELEN B. COOK, Librarian.

Alma College.

ORGANIZATION.

Alma College embraces six divisions: The College, The Academy, The School of Pedagogy, The Commercial School, The School of Music, and the School of Art.

THE COLLEGE.

TERMS OF ADMISSION.

The unit of credit for preparatory work is a daily recitation for a school year. Fifteen such units are required for unconditioned entrance to the Freshman Class, as follows: English, three units; Mathematics, three units; History, one unit; Science, one unit; Foreign Language, four units, of which two must be Latin; electives, three units.

Candidates who are deficient in not more than two of the required fifteen units may be admitted conditionally to the Freshman Class, but the condition must be removed before work in majors is undertaken.

STATEMENT OF REQUIREMENTS.

English—

1. Grammar and Composition. One unit.
2. Rhetoric and Composition. One unit.
3. English and American Classics. One unit.

For Reading.—1. The candidate will be required to present evidence of a general knowledge of the subject matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of the topic is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of a test, the candidate may present an exercise book, properly certified by his instructor, containing composition or other written work done in connection with the reading of the books.

The books set for this part of the examination are:

1909, 1910, 1911. George Eliot's Silas Marner; Bunyan's The Pilgrim's Progress; The Sir Roger de Coverly Papers; Scott's Ivanhoe, and Lady of the Lake; Shakespeare's Merchant of Venice, and Julius Caesar; Tennyson's Gareth and Lynette, Launcelot and Elaine, and the Passing of Arthur; Irving's Sketch Book; Franklin's Autobiography; Macaulay's Lays of Ancient Rome; Hawthorne's The House of the Seven Gables; Dickens' A Tale of Two Cities.

For Study.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form and structure.

1909, 1910, 1911. Shakespeare's Macbeth; Burke's Speech on Conciliation with America, or Washington's Farewell Address; Webster's First Bunker Hill Oration; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Latin—

1. Latin Lessons, including thorough drill in declensions and conjugations and the essential rules of syntax, and easy reading. One unit.

2. Four books of Caesar's Commentaries on the Gallic War, and prose composition. One unit.

3. Six orations of Cicero, and prose composition., One unit.

4. The first eight books of Vergil's Aeneid; or I-IV, with additonal selections from Ovid, 6,000 to 8,000 verses in all. One unit.

Greek—

1. Greek Lessons, including thorough drill in inflections and the fundamental rules of syntax. Xenophon's Anabasis, Book I. One unit.

2. Xenophon's Anabasis, three books, with prose composition. Homer's Odyssey, two books. One unit.

German—

1. Elementary Grammar; German Reader; Glueck Auf; Immensee. One unit.

2. Grammar Review; Wilhelm Tell and Die Journalisten, or equivalents. One unit.

French—

1. Rudiments of French Grammar. Reading of easy prose. One unit.

2. Review of Grammar. Reading, composition, and colloquial practice. One unit.

History—

1. General History. One unit.
2. (a) Grecian History. One-half unit.
   (b) Roman History. One-half unit.
3. (a) United States History. One-half unit.
   (b) Civics. One-half unit.
4. Advanced United States History. One unit.

Mathematics—

1. Algebra. Factors, common divisors and multiples, equations of the first degree with one or more unknown quantities. involution, including the binomial theorem for positive entire exponents, evolution, the doctrine of exponents, radicals and equations involving radicals, quadratic equations of one and two unknown quantities, ratio and proportion, arithmetical and geometrical progressions. One and one-half units.

2. Geometry. Plane, solid and spherical geometry, including the solution of simple original exercises and numerical problems. One and one-half units.

Science—

1. Physics. The equivalent of Carhart and Chute's High School Physics, together with an approved laboratory course of not less than forty experiments actually performed at school by the candidate. One unit.

2. Botany. The equivalent of Bergen's Foundations or Stevens' Introduction to Botany, together with an approved laboratory course involving the detailed examination of not less than forty plants. One unit.

3. Chemistry. The non-metallic elements, as usually given in high school text-books, together with an approved laboratory course of not less than forty experiments actually performed bv the candidate, as given in Remsen's or Williams' Laboratory Manual. One unit.

4. Zoology. A course of laboratory and field work in this subject as treated in such text-books as Jordan or Davenport. A note-book should be kept and presented at entrance. One unit.

5. Physiography. One-half year's work in this subject as treated in Tarr's or Davis' text-books. One-half unit.

6. Elementary Geology. Laboratory and field work. One-half unit.

METHODS OF ADMISSION.

I. By Examination.

Examinations for admission will be held on Tuesday, September 14, 1909, beginning at 9 o'clock a. m. The entrance examinations are designed to test the ability of the candidate to undertake the course of study, and not merely to ascertain the character and amount of his acquired knowledge.

II. By Certificate.

Examinations will be waived in the case of applicants who present certificates of graduation from the Academy of Alma College, or from any accredited high school having equivalent courses. Applicants from accredited high schools must send or present in person a full statement by the proper persons of the work done in each study. Blank forms for this purpose may be obtained on application to the Registrar. **An examination in any or all of the subjects for examination outlined on pages**

nine to twelve will be required of applicants from accredited schools who are not provided with such certificates.

Candidates for advanced standing will be examined on the subjects previously studied by the classes they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismission and also careful statements, duly verified, of the studies pursued and the credits received therein.

III. Partial Courses.

Students desiring to pursue partial courses in the College **must meet the requirements for admission to one or other of the College courses of study, either upon examination or certificate.** In laying out their work, they are expected to consult with the instructors in charge of the subjects they wish to pursue, and they will be subject to the same regulations as to College requirements, number of hours of work, etc., as other students. They will not be regarded as candidates for a degree. A certificate setting forth the amount of work which has been done will be given any such student who requests it.

REVISED REQUIREMENTS FOR GRADUATION.

Partly operative in 1909-1910.

The standard unit of credit used in estimating college work is one recitation period a week for one semester, or one "semester-hour." In laboratory courses a two-hour period is considered equal to a one-hour recitation period. One hundred and twenty semester hours are required for graduation, making the average requirement per semester fifteen recitation periods a week. The recitation period is 55 minutes in length.

The subjects comprised in the college course of instruction are arranged in groups, each of which contains (a) certain subjects required of all students, (b) two major subjects, (c) general electives, the choice of which is unrestricted.

(a). The required subjects are the following: English, six hours; Mathematics, eight hours; History, six hours; Laboratory Science, six hours; Philosophy, six hours; Biblical Literature, four hours; Elocution, two hours; Physical Training, two hours; Foreign Language, sixteen hours.

(b). In order to secure to the student the advantage of intensive work, he is required at the proper time to choose two subjects in which he must secure a total credit of from thirty-six to forty hours. Ordinarily, this special work should be done in the Junior and Senior years and certain prerequisite courses must be taken in the first two years of the course. A thesis on a theme approved by the instructor is also required.

(c). The remainder of the one hundred and twenty hours may be elected from any of the departments of instruction of the college proper. The following subjects may be elected, with due regard to the limitation imposed by the program of recitations:

Art.
Astronomy.
Biology.
Chemistry.
English.
French.
German.
Geology.
Greek.
History.
Latin.
Mathematics.
Music.
Political Economy.
Pedagogy.
Oratory.
Philosophy.
Physics.

The groups from which the choice of major subjects for 1909-1910 may be made are given below:

I. Ancient Languages.
II. History—Economics.
III. English—Modern Language.
IV. English—Latin.
V. History—Latin.
VI. Mathematics—Laboratory Science.
VII. Chemistry—Biology.

The degree of A. B. will be given to those students who complete Group I; that of Ph. B., to those who complete any one of Groups II-V; and that of B. S., to those who complete Group VI or VII.

The Bachelor's degree will not be conferred upon a student unless he has been in residence at least a year.

Freshman Year.

For the convenience of the student in the selection of his studies, the work of the Freshman year is here presented in group form:

I.		II.		III.	
English	3	English	3	English	3
Latin	4	Latin	4	Latin	4
Greek	4	History	3	French	4
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

IV.		V.		VI.	
English	3	English	3	English	3
French	4	French	4	French	4
History	3	Chemistry	3	Biology	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

Groups I, II, III, presuppose four years of preparatory Latin; Groups II-VI, two years of preparatory German; Groups IV-VI, two years of preparatory Latin.

Sophomore Year.

In the work of the Sophomore year must be included a second year of language work and two hours of Bible, and the student is advised to include the required History and Science, if these have not been taken. The rest of his work may be made up of general electives or majors.

N. B.—The Sophomore class of 1909-1910 will in the main follow the old courses of study during that year. The Senior Class will complete its work on the basis of the old requirements.

PREPARATION FOR PROFESSIONAL WORK

Through the grouping system Alma College offers the student increased facilities for shaping his vocational preparation, while it requires at the same time the broad basis of knowledge and training which is so essential to real success in all lines of activity.

Law—The student who expects to enter upon the study of the law should do his major work in the History-Economics group or the History-Latin group, with electives in Philosophy and Sociology.

Medicine—The Chemistry-Biology group offers lines of major and elective work which are especially useful in preparation for the study of medicine. These departments are well equipped with facilities for laboratory work under competent instruction, and offer a wide range of courses to pre-medical students.

Teaching—The College makes especial provision for the needs of prospective teachers, (a) in its pedagogical courses, (b) in its special courses in the methods of teaching specific subjects, (c) in its offer of a State teacher's certificate to those who meet the requirements of the pedagogical course. The student who expects to teach a particular subject should choose it as one of his majors.

Christian Work—For the training of young people who desire to enter upon any form of Christian work, such as the ministry, Bible teaching, Y. M. C. A. and Y. W. C. A. work church work, missionary work, etc., the College offers a year course in Bible study and kindred subjects. The course is made up in part from the regular work of the Academy and the College and in part of lectures and classes in special subjects. The outline of this course is as follows:

Academy.

First Semester.		Second Semester.	
Middle Year—Old Test.	2	Junior Year—Bible Geography	2
Senior Year—History of the Jews	2		

College.

Biblical Literature	2	Biblical Literature	2
Theism	3	Logic	3
Biblical Theology	2	Ethics	3
English	2	Elocution	2

President's Room.

Greek and Latin Room.

History of the Bible	2	Rhetoric	2
College Elective	3	Biblical Pedagogy	2
		College Elective	3

Lectures on Evangelism, Y. M. C. A. work. etc.

Certain of the subjects in this course may be elected by regular College students.

Engineering—Students expecting to become engineers should do major work in the Mathematics-Laboratory Science group, which offers a number of courses in the mathematics, sciences and modern languages that form a fundamental part of all engineering courses.

THE COURSES OF INSTRUCTION.

GREEK LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Lysias and Xenophon.** Review of the grammar and drill in advanced prose composition. Four hours a week, first semester.

2. **Homer.** Books I-III of the Iliad, with a careful study of forms and prosody; topical study of the Homeric Age and of early literary forms. Four hours a week, second semester.

3. **Herodotus; Thucydides.** Study of literary style; hiscussion of historical problems. Four hours a week, first semester.

4. **The Drama.** Reading of selected plays; study of the dramatic art of the Greeks. Four hours a week, second semester.

5. **Plato.** The life and character of Socrates; readings from the Apology, Crito and Phaedo. Three hours a week, first semester.

6. **Greek Private Life.** Study of social life and customs; collateral reading and discussion of special themes. Three hours a week, second semester.

7. New Testament Greek. Study of the peculiarities of Hellenistic Greek; rapid reading of selected books. Three hours a week, first semester.

8. Theocritus and Lucian. Studies in the later literature. Three hours a week, second semester.

9. The Greek in English. Intended especially for scientific students. Three hours a week throughout the year.

LATIN LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. Cicero, De Senectute. Word analysis and inflections; selections from Ennius, Catullus, Lucretius, Vergil's Eclogues, Sallust; Roman Literature of the Republic. Four hours a week, first semester.

2. Livy, Book I; Review of Syntax; a play of Plautus or Terence; Topography of Ancient Rome. Four hours a week, second semester.

3. Horace, Odes and selections from Epodes, Satires and Epistles; Roman Literature of the Augustan Age. Three hours a week, first semester.

4. Cicero's Letters; Pliny's Letters; selections from Martial, Tacitus, and Suetonius; Roman Literature of the Empire. Three hours a week, second semester.

5. Roman Drama—Plautus, Terence, Seneca. Three hours a week.

6. Roman Philosophy—Lucretius, Cicero, Seneca. Three hours a week.

7. Roman Satire—Horace, Persius, Juvenal. Three hours a week.

8. Roman Rhetoric and Oratory—Cicero, Quintilian. Three hours a week.

9. Private Life of the Romans. Three hours a week.

ENGLISH LANGUAGE AND LITERATURE.

MARGARET E. HAUGHAWOUT, Professor.

1. **Introduction to the study of English Literature.** Daily papers. Course combines original theme work, with study of Browning's shorter poems, one drama and one novel. Three hours a week throughout the year.

2. **Principles of Rhetoric.** Original themes supplementing text-book work. Two hours a week throughout the year.

3. **Anglo-Saxon.** Bright's Anglo-Saxon Reader, and reading of Beowulf. Three hours a week throughout the year. (Offered in 1909-1910).

4. **Chaucer and Spenser.** Three hours a week throughout the year. (Offered in 1910-1911).

5. **Shakespeare.** Reading of all the plays. Three hours a week throughout the year.

6. **Elizabethan Dramatists.** (Offered in 1908-1909).

7. **Milton.** (Offered in 1908-1909).

8. **Nineteenth Century Prose.** Ruskin, Emerson, Carlyle, Arnold. Two hours a week throughout the year. (Offered in 1909-1910).

9. **Nineteenth Century Poetry.** Wordsworth, Bvron, Coleridge, Keats and Shelley. Two hours a week throughout the year. (Offered in 1910-1911).

10. **Browning's Dramas.** Two hours a week throughout the year. (Offered in 1909-1910).

11. **Tennyson.** Two hours a week throughout the year. (Offered in 1908-1909).

12. **Outline History of English Literature.** (Offered in 1908-1909).

HISTORY.

JAMES E. MITCHELL, Professor.

1. **European History,** from the Fall of the Roman Empire in the West to the Protestant Revolution. Three hours a week, first semester.

2. European History, from the Protestant Revolution to the present time. Three hours a week, second semester.

3. The Renaissance and Reformation. Open to those who have taken Courses 1 and 2. Three hours a week, first semester.

4. The French Revolution and its Antecedents. Open to those who have taken Courses 1 and 2. Three hours a week, second semester.

5. The History of Europe since the Congress of Vienna, 1815. Open to those who have taken Courses 1 and 2. Three hours a week throughout the year.

6. History of England. Political and Constitutional. Three hours a week throughout the year.

7. American History (1763-1815). An advanced Course in which the student is given training in independent investigation and historical criticism. Three hours a week, first semester.

8. United States History (1815-1858). This course has to do with the great questions which agitated the public mind during this period. Three hours a week, second semester.

9. The United States During the Civil War and Reconstruction. Three hours a week, second semester.

ENGLISH SPEECH.

JOHN Q. ADAMS, Professor.

The work in English Speech, partly required and partly elective, begins with the second semester of the Freshman year and continues unbroken throughout the college course. The instruction offered is intended to be sane, practical and progressive. Opportunities for public appearances are provided through special chapel exercises, the annual rhetorical exhibition of each class, the inter-society and inter-collegiate contests in debate and oratory, the performance annually of a Shakespearean play and the activities of the literary societies.

1. Practical Elocution. A study of the philosophy of public speaking, the training of voice and body, exercises in declamation. Two hours a week, second semester.

2. Debating. Alden's Art of Debate, supplemented by debates by members of the class. Three hours a week, first semester.

3. **Advanced Debating.** A continuation of Course 2, by which it must be preceded. Three hours a week, second semester (not offered in 1909-1910).

4. **Oratory.** History of English Oratory, principles of oratorical composition, study of masterpieces, composition and delivery of orations. Special attention is paid to the eulogy and the popular address. Three hours a week, first semester.

5. **Oratory.** A continuation of Course 4, by which it must be preceded. History of American Oratory, study of masterpieces, composition and delivery of orations. Special attention is paid to forensic and after-dinner speeches. Three hours a week, second semester.

6.. **Shakespearean Drama.** Critical study of three of Shakespeare's plays. Presentation of selected scenes. Three hours a week, first semester.

7. **Extemporization.** Principles of extemporization. Delivery of descriptions, narrations, expositions, arguments, speeches of introduction and after-dinner addresses. Two hours a week, second semester. Required of Seniors.

8. **Interpretation of American Poetry.** A study of the writings of our leading poets. Students will memorize and deliver assigned selections and present essays on designated topics. Three hours a week, second semester. Must be preceded by course 1.

Courses 1 and 7 are required of all regular students; the others are elective.

MATHEMATICS.

FRANK N. NOTESTEIN, Professor.

1. **College Algebra.** This course includes Logarithms, Progressions, Binomial Theorem, Undetermined Co-efficients, Series and the Solution of Higher Equations. Four hours a week, first semester.

2. **Plane and Shperical Trigonometry.** In this course special attention is given to the functions of angles, the transformation of trigonometric expressions. Napier's rules of circular

parts, the solution of problems and the application of Spherical Trigonometry to Astronomy. Four hours a week, second semester.

3. Analytical Geometry

(a) This course deals with the straight line, and the conic sections. Three hours a week, first semester.

(b) Deals with higher plane curves, the general equation of the second degree and geometry of three dimensions. Three hours a week, second semester.

The object of these courses is to familiarize the student with the methods of analytical reasoning.

4. Surveying. This is an elementary course open to students who have taken courses 1 and 2. Three hours a week with field work during the spring term. Second semester.

5. (a) Differential Calculus. Course (a) includes a study of the rules and formulae for differentiation, expansion of functions, indeterminate forms, application of the calculus to curves, maxima and minima. Five hours a week, first semester.

(b) Integral Calculus. This course includes a study of the Methods of Integration, the Application of Integral Calculus to Curves, Areas, Volume, Moment of Inertia, Pressure, etc. Five hours a week, second semester.

6. An Advanced Course. Selected to suit the needs of the class, open to students who have taken courses 5a and 5b. Five hours a week, first semester.

7. Analytical Mechanics.

(a) This course treats of the fundamental principles of Mechanics, the Composition and Resolution of Forces, Center of Mass, Friction, Virtual Velocity, Machines, Attraction, Rectilinear and Curvilinear Motion. Five hours a week, first semester.

(b) Treats of the Laws of Motion, Central Forces, Vis Viva, Impact, Work and Energy, Moment of Inertia, Rotary Motion, Motion of a System of Rigid Bodies in Space. Five hours a week, second semester.

Courses 1 and 2 are required of all candidates for a degree; courses 3 to 7 are elective.

PHYSICS.

FRANK N. NOTESTEIN, Professor.

1. **Mechanics, Acoustics and Optics with Laboratory work.** Three hours a week, first semester.

2. **Heat and Electricity with Laboratory work.** Three hours a week, second semester.

3. **An advanced course in Sound and Light with Laboratory work.** Three hours a week, first semester.

4. **An advanced course in Heat, Electricity and Magnetism with Laboratory work.** Three hours a week, second semester.

CHEMISTRY.

FRANCIS E. WEST, Professor.

1. **Advanced Inorganic Chemistry and Qualitative Anaylsis.** Two laboratory periods and one recitation a week. This course must be preceded by the course in General Inorganic Chemistry as given in the Fourth year of the Academy, or its equivalent. The first part of the course will deal with some of the more advanced problems of inorganic chemistry, and will serve as an introduction to the qualitative work. The course includes the identification and separation of the various elements of compounds based upon the theory of ionization and dissociation. Texts, Morgan's Qualitative Analysis and West's Laboratory Outlines. First semester.

2. **Advanced Qualitative Analysis.** Two laboratory periods and one recitation a week. This course is a continuation of Course 2 and besides the compounds analyzed in Course 2, the student now analyzes more complex commercial and natural products by both the wet and the dry methods. Texts, Getman's Elements of Blowpipe Analysis, in addition to those in Course 2. Second semester.

3. **Quantitative Analysis.** Two laboratory periods and one recitation a week. Quantitative determinations are made of

chemical compounds, ores and soils. Accuracy and neatness in work are among the objects sought. The work is largely in the laboratory with reference reading and quizzes. This course is given as an elective to those who have had Course 2. Text, Ladd's Quantitative Manual. First semester.

4. Organic Chemistry, Aliphatic Compounds. Two laboratory periods and one recitation a week. Study of the text, lectures, and laboratory work making synthetic preparations such as ethers, ethyl bromide, acetyl chloride, methyl amine, etc. Text, Perkin and Kipping's Organic Chemistry and Cohen's Practical Organic Chemistry. First semester.

5. Organic Chemistry, Aromatic Compounds. Two laboratory periods and one recitation a week. Laboratory work in preparing such aromatic compounds as nitrobenzene, phenyl bromide, sulphanilic acid, aniline, and malachite green; and work with the carbohydrates, including methods for identifying and determining the amount of starch, sugar, cellulose, organic acids, etc., in various vegetable products. Also, some work in the analysis of various foods. Texts, Perkin and Kipping's Organic Chemistry, and Sherman's Organic Analysis. Second semester.

6. Quantitative and Volumetric Analysis. Three laboratory periods a week. This course deals with more complex substances than Course 4, such as alloys and minerals. Volumetric methods are used for a greater part of the work. Mostly laboratory work with reference reading and quizzes. Second semester.

7. Industrial Chemistry. A lecture course, with reference work, which will deal with chemistry in its relation to the various industries. Two hours a week first semester.

8. Iron Ore Analysis. This is strictly a technical course and may be taken by students who have completed Courses 1 to 4, inclusive. It is planned to meet the wants of students who desire to work in the chemical laboratories of iron mining companies. The same methods are used as are in use in the best iron laboratories of Michigan and Minnesota. Short but accurate methods are used for making determinations of the amount of iron, phosphorus, sulfur, aluminum, silica, lime, and maganese present in ores. Mostly laboratory work with refer-

Chemistry Laboratory.

ence reading. Quiz once a week. Three periods of two hours each per week, second semester.

Courses 1, 2, 3, 4, 5, will be given when elected by three or more students; the work in the other courses is largely individual work and may be elected by anyone who is prepared to take the work.

Courses 1, 2; 3, 6; 4, 5, taken together, are each year courses.

Course 7 may be elected by students who have had the first five courses.

Course 8 may be elected by students who have had courses 1, 2, 3, 6.

BIOLOGY.

HANSFORD M. MacCURDY, Professor.

The courses in this department are designed to meet the needs of those students who are seeking a general culture and of those who wish a more special training in preparation for the work of teaching, for work in forestry, and for the study of medicine. The courses consist of laboratory work, field studies, lectures and quizzes. A judicious use of text and reference books is a part of the work. The museum is an excellent source of materials for illustration.

1 and 2. General Biology. The work in general biology is designed to give the student a knowledge of the general principles of biology developed from the study of typical forms ot plants and animals. It also lays the foundation for more advanced work and helps to a better understanding of life phenomena and the literature which deals with biological subjects. In addition to the general principles, emphasis is laid on the methods of observation and the interpretation of biological phenomena. The course is open to all College students Three two-hour periods a week, consisting of laboratory and field work, lectures and quizzes, throughout the year.

3. Morphology and General Physiolcgy of Plants. This course includes a study of plant forms and their development, the development and relationships of the different members of the plant body, plant cells and cell structures, plant tissues and their development and functions. Emphasis is laid on the interrelations of structure and function. Such texts as Strasburger, Vines, Stevens, Zimmermann's Microtechnique, and others are at hand. Four or more hours laboratory work besides conferences. First semester.

4. Ecological and Forest Botany. The study of the biological relations of plants, their adaptations and the chief factors determining plant distribution and associations is followed by a more special study of typical forest trees, their distribution, conditions of growth and economic importance. Four or more hours laboratory work and conferences. Second semester.

5. Advanced Zoology. The course includes a general survey of the groups of the animal kingdom, and an account of the structure, development, adaptation, variation, and distribution of important groups, and their economic importance. Such factors as natural selection, inheritance, and the influence of environment are considered. The special study of some selected group in its life conditions and classification, or the forms belonging to a special area, is a part of the work. Three two-hour periods a week, first semester.

6. Comparative Anatomy. A comparative study of the anatomy of typical vertebrated animals is taken up with special reference to human anatomy. The drawings are made from dissections. A brief study of the finer structure of the various tissues is included. This course is of special importance to those who may expect to pursue the study of medicine, or who may wish the training for teaching, but it is open to any student who has had Courses 1 and 2, or their equivalent. Three two-hour periods a week, second semester.

GEOLOGY.

HANSFORD M. MacCURDY, Professor.

This Course is planned to give a general knowledge of geology by a study of the geological changes of the present and by presenting the chief facts and theories. A fair knowledge of dynamic, structural, and historical geology is sought, attention being given to the geology of the North American continent and the geological history of Michigan. A good collection of minerals, rocks, and fossils is available for laboratory work. The course includes the use of a manual, lectures, selected readings, laboratory work and field studies. Three hours a week for one semester, or for two semesters by special arrangement.

ASTRONOMY.

FRANK N. NOTESTEIN, Professor.

The aim of this course is to give the student a general knowledge of descriptive and mathematical Astronomy. The instruction is based upon the use of a text-book, supplemented by lectures. Some time is given to the study of the heavens to enable the student to become acquainted with the names and positions of the principal stars and constellations. Three hours a week. Second semester.

GERMAN.

JANE MULLENBACH, Professor.

1. **Easy Reading in Nineteenth Century Prose.** The class will be conducted in German so far as possible. Short original compositions based on the text read will be required once a week. Texts used: Storm's In St. Juergen, Freytag's Soll und Haben. Three hours a week, first semester.

2. **Continuation of Course 1.** Scheffel's Ekkehard. Three hours a week, second semester.

3. **Goethe.** Translation of Egmont, with criticisms. The Sesenheim episode from Dichtung and Wahrheit. Outside reading Herman and Dorothea. Three hours a week, first semester.

4. **(a) Lessing.** Translation and critical study of Nathan der Weise. Hatfield's Lyrics and Ballads. Outside reading, Minna von Barnhelm or Emilia Galotti. Three hours a week, second semester.

(b) Dippold's Scientific German Reader, with outside reading in German scientific Magazines. This course is offered to students in the sciences who have had two years of German.

5. Schiller. Thomas' Life of Schiller, for study and reading. Die Braut von Messina—translation and criticism—"Das Lied von der Glocke, Balladen. Outside reading, Die Rauber. Three hours a week, first semester.

6. Course 5 continued. Wallenstein and Geschichte des dreizigjaehrigen Krieges, Book III. Three hours a week, second semester.

7. Goethe. Iphigenie—translation and critical study. Outside reading, Tasso. Three hours a week, first semester.

8. Goethe. Faust. Translation with critical study. Outside reading. Goetz von Berlichingen. Three hours a week, second semester.

FRENCH.

JANE MULLENBACH, Professor.

1. Fraser and Squair's French Grammar. Guerber's Contes et Legendes. Four hours a week, first semester.

2. French Grammar—Part II. Malot's Sans Famille. Four hours a week, second semester.

3. Prose Composition. Translation of Feuillet's Jeune Homme Pauvre. Outside reading, Merimee's Colomba. Four hours a week, first semester.

4. Prose Composition. Hugo's Quatre-Vingt-Trieze. Loti's Pecheur D'Islande. Sight reading—Selections from Guy de Maupassant. Four hours a week, second semester.

5. Moliere. Le Misanthrope. Tartuffe. Le Medicin Malgre Lui. Three hours a week, first semester.

6. Rostand's Cyrano de Bergerac. Hugo's Hernani. Three hours a week, second semester.

7. Hugo's Les Miserables. Three hours a week, second semester.

8. Balzac's Le Pere Goriot. Three hours a week, second semester.

9. History of French Literature, with special attention to the Classical Period. Prescribed readings: Corneille's Le Cid, Racine's Athalie. Three hours a week, first semester.

10. History of French Literature continued. Reaction and Rise of Romanticism. The Naturalistic School of the Nineteenth Cenutry.

Readings—Sands, La Mare au Diable; Balzac, Cinq Scenes de la Comedie Humaine; Zola's La Debacle. Three hours a week, second semester.

PHILOSOPHY.

AUGUST F. BRUSKE, Professor.

1. General Psychology. An introductory course, the aim of which is to study the facts and processes of the mind from the biological standpoint. Three hours a week, first semester.

2. Logic. The principles of deductive and inductive reasoning are studied. The laws of thought and forms of argument are carefully explained and applied in the detection of fallacies in reasoning. Three hours a week, second semester.

3. Ethics. A discussion of the moral basis of human conduct with the application of the principles deduced to the problems of life. Three hours a week, second semester.

4. History of Philosophy. An outline study of the various schools of philosophical thought from the Greeks to the present day. Three hours a week, first semester.

POLITICAL SCIENCE.

JAMES E. MITHELL, Professor.

The term Political Science, as here used, includes Economics, Government, International Law and Sociology. The aim is to give to students pursuing these studies such knowledge and training as is believed to be a part of a liberal education. An effort is made to inculcate independent, unbiased, scientific habits of thinking, and thus make the study of practical value to those about to enter active life as citizens.

Economics.

1. Principles of Economics. This course is designed to cover the more important portions of the general field of Economics. The student is expected to assimilate the general principles of the subject and be able to apply them to the discussion of practical questions. An excellent library of Economics, containing all the important treaties in English on the mics, containing all the important treatises in English on the subject, is at hand, and students are required to use it freely. Three hours a week, second semester.

2. Economic History. This course has to do chiefly with the industrial development of England and the United States. It may properly precede or supplement the course in the principles of Economics. Three hours a week, first semester.

3. Money and Banking. A discussion of the theory and history of money and banking with special reference to the United States. The gold standard; bimetallism; fiat money; our present currency, with proposed changes; functions of a bank; first United States Bank; second United States Bank; our present national banking system; our state banks; the Bank of England; Bank of France; Reichsbank of Germany, are some of the subjects considered. Three hours a week, first semester.

Government.

1. American Government. An analysis of the nature, structure and working of the Federal Government; the three departments and their relation to each other; a comparison with the English system; political parties, their uses and abuses; public opinion and its influence, are among the subjects discussed. Bryce's American Commonwealth serves as a basis for study, but the student is directed to other sources of information. Offered in 1910-1911 and alternate years thereafter. Three hours a week, first semester.

2. The English Government. A study of the English government as it exists today. The Crown; Cabinet, Ministry, Executive Departments; Treasury; House of Commons, its procedure and relation to the Cabinet; House of Lords, its relation to the Cabinet; Political Parties; The Church; Education; The Courts of Law, and the Colonies are some of the subjects discussed.

Lowell's Government of England is used as a test. A good knowledge of English history is a necessary prerequisite of this course. Three hours a week throughout the year.

3. Comparative Constitutional Government. A comparative study of the Governments of England, France, Germany and the United states. Burgess' work is relied on chiefly for this course, though frequent reference is made to other writers, principally Willoughby and Wilson. Offered in 1909-1910 and alternate years thereafter. Three hours a week throughout the year.

4. Corporations. A study of modern industrial combinations, their history in the United States from the pool to the trust and holding company. Typical cases are studied and principles deduced therefrom. Greene's Corporation Finance and Ripley's Trusts, Pools and Corporations are used as textbooks. Three hours a week, second semester.

5. International Law. This subject is studied topically with the use of Snow's Cases, and with the works of Hall Bluntschli, Halleck, Walker, Lawrence and Woolsey for reference. Offered in alternate years. Three hours a week, second semester.

6. Principles of Sociology. An advanced general course It includes an analysis and classification of social facts; discussion of the principles of social theory and the process of socialization; study of social feeling, public opinion, and organized action; an inquiry into the causes of emotional epidemics, panics, mob violence, revolutions; an explanation of the growth of public opinion on great questions; an attempt to show from history and current events that public action is governed by definite laws of social change. Gidding's Principles of Sociology is used as a text. Three hours a week, second semester

THE BIBLE AND THEISM.

The PRESIDENT and Professor CLIZBE.

Since the religious faculties are the highest and noblest, their training has been given the place of first importance. The instruction here given is in the broadest sense Christian. Nothing of a sectarian character is admitted. The purpose is to build up intelligent Christian manhood. We believe that this is the greatest need of our time.

The following Semester Courses are offered:

1. **The Life of Christ;** in which the student will be expected to master the Journeys and Events of Christ's Life in their order. Two hours a week, first semester.

2. **The Founding and Extension of the Christian Churc**
Two hours a week, second semester.

3. **Natural Theology and Evidences of Christianity.** Three hours a week, first semester.

PEDAGOGICS.

ALBERT P. COOK, Instructor.

Instruction in Pedagogics is offered to Juniors and Seniors in accordance with an act of the Legislature of Michigan authorizing the State Board of Education to grant a teacher's certificate without examination, to any person who has received a Bachelor's, Master's or Doctor's degree from any college in this state having a course of study actually taught in such college of not less than four years, in addition to the preparatory work necessary for admission to Michigan University and including a course in the Science and Art of Teaching of at least one college year of five and one-half hours per week

This course embraces professional work in Applied Psychology, History of Education, School Law, School Systems, special methods in common branches, including the Kindergarten; a critical examination of the Reports of the Committees of Ten, Twelve and Fifteen, and the organization and management of schools.

Graduates from any of the college courses who complete this course of professional work will be recommended by the

Reading Room

Hood Museum Interior.

Faculty to the State Board of Education for a teacher's certicate, which will enable them to teach in the public schools of Michigan without further examination.

The following courses are offered:

1. **History of Education.** Two hours a week.

2. **School Management.** Two hours a week.

3. **Child Study and the Theory of Kindergarten.** One hour a week.

4. **Psychology,** Applied. Two hours a week, first semester.

5. **Principles and Methods of Teaching.** Two hours a week, second semester.

6. **School Law and School Systems,** including a study of the school systems of at least five of the states, and of Germany, France and England. Two hours a week, second semester.

7. **A Course of Lectures on the Organization and Management of Schools.** Five essays on educational topics are required of each student during the course. A course of collateral reading is also required.

Courses 4, 5 and 6 will be given in 1909-10.

Opportunity is given to visit the various departments of graded schools to observe the methods of teaching. A written report of these observations is presented by each visitor to the class for discussion.

PHYSICAL TRAINING FOR WOMEN.

ESTHER M. BRUSKE, Instructor.

In recognition of the importance of developing the body as well as the mind, the College is giving each year more attention to the systematic physical development of its students.

The regular class work is required of every student, and its aim is to correct, develop, and maintain the physical powers of the individual.

The classes meet three times a week, Monday, Wednesday and Friday, and one hour's credit is given for satisfactory work done. This work consists of marching tactics, floor work (dumb-bells or wands), apparatus work, (horse, ladders, parallel bars, or springboard jumping), and a game. All students taking the work are expected to wear the regulation suit which consists of a blouse and bloomers made of black material, preferably brilliantine.

With the complete set of measuring instruments, purchased and donated recently by a friend of the College, it is possible now to measure and examine each girl thoroughly. This examination is made when the pupil arrives, and exercises are prescribed by the instructor to correct any irregularity or weakness in development noted at this time. In the spring the measurements are taken again so that the pupil and instructor may see the result of the winter's work.

Aside from the required work, various sports and games are encouraged in season. During the winter a regular schedule of class basket-ball games is played to decide the class championship of the College. In the spring and fall months special attention is given to tennis and outdoor sports. The regular tournament deciding the College tennis championship is held in May.

Instruction is given in Fencing, Indian Clubs, etc., outside of the class, to those interested in these subjects.

A special class in rhythm work is provided for and required of students in the Vocal Music Department. This class recites once a week, and is a preparation for movement work in the Opera.

PHYSICAL TRAINING FOR MEN.

IRA T. CARRITHERS, Instructor.

Recognizing the importance of regular and systematic physical exercise during the formative period of student life, the authorities of the college have decided to put this work on a credit basis. At least two hours physical culture credit is required before graduation. Three hours per week in the gymnasium, from December 1st to April 1st, is equal to one hour's credit. The student has his choice from a regular gymnasium class, basket-ball, indoor baseball and running.

Besides this, out-door athletics, such as baseball, football, track work, tennis and cross country running are strongly encouraged during the fall and spring months.

THE ACADEMY.

INSTRUCTORS.

ALBERT P. COOK,
Principal.

JAY CLIZBE,
English Bible.

ELOISE WARING.
Latin and Greek.

ESTHER BRUSKE,
German.

FRANCIS E. WEST,
Chemistry.

MARY O. EDDY,
Mathematics and English.

HANSFORD M. MacCURDY,
Botany and Zoology.

JOHN Q. ADAMS,
Rhetoricals.

HENRY J. MEYER,
Penmanship.

IRA T. CARRITHERS,
History and Civics.

HARRY A. CRAIG,
Physics.

IRA T. CARRITHERS, ESTHER BRUSKE,
Physical Training.

I. GENERAL STATEMENT.

The Academy of Alma College has been founded to provide facilities for securing an exact and adequate preparation for college work, as well as to meet the needs of those who wish to enjoy the benefits of a thorough academic training in preparation for life's work.

To realize fully this two-fold object, great care has been taken to provide skilled instruction. Students in the Academy are under the direction of teachers of wide experience and full knowledge of the subjects they teach. The close touch that exists between instructor and student in the class-room is of vital importance in the forming of character.

Graduates of this Academy are prepared to enter the Freshman classes of the best colleges in the country.

II. THE TERMS OF ADMISSION.

To be admitted without condition to the Junior class, an applicant must have completed the work of the ninth grade in the public schools. Instruction in beginning Latin is provided for such as need it. Certificates of standing in ninth grade work done in accredited schools will be accepted; otherwise, the applicant will be examined in the subjects required for entrance.

Applicants for higher standing will be examined in the studies previously pursued by the class they desire to enter, with the exception of those who present certified statements of work done in accredited schools.

III. THE COURSES OF STUDY.

Three courses, each extending through three years, are provided, which severally lead up to the corresponding courses of the College, viz: The Classical, Philosophical, and Scientific. Each of these courses, however, is complete in itself and may be pursued with profit by the student with limited time and means for gaining an education.

IV. OUTLINES OF THE COURSES OF STUDY.

Junior Year.

First Semester.		Second Semester.	
Caesar, Book I	5*	English	4
English	4	Med. and Modern History	4
Ancient History	4	Higher Algebra	4
Higher Algebra	5	Bible	2
Caesar, Books 2, 3, 4	5		

Middle Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Cicero	5	Cicero	5
Greek Lessons	5	Greek Lessons	5
English	4	English	4
Plane Geometry	4	Plane Geometry	4
Bible	2		

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
English	4	English	4
German	5	German	5
Plane Geometry	4	Plane Geometry	4
Chemistry	3	Chemistry	3
Bible	2	Botany	3

Senior Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Vergil	4	Vergil	4
Anabasis	5	Anabasis; Homer	5
Solid Geometry	4	Algebra Review	3
Physics	4	Physics	4
Bible	2	English	3

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
Zoology	3	English	4
German	5	German	5
Solid Geometry	4	Algebra Review	3
Physics	4	Physics	4
Bible	2	History of U. S. Review	3

*—The figures indicates the number of recitations a week. The recitation period is 55 minutes in length.

The Philosophical course is the same as the Classical with the exception of German in the place of Greek.

ENGINEERING COURSE.

For the convenience of students desiring to take a course in Mining, Electrical or Civil Engineering, the following course has been prepared.

Students completing this course will be admitted without examination to the College of Mines at Houghton, Mich., for mining engineering; to the Armour Institute, Chicago, for electrical engineering; and to any of the engineering courses of the University of Michigan.

The first year of the course is the same as the regular Academy courses.

Second Year.

First Semester.		Second Semester.	
Algebra	4	Algebra	4
German	5	German	5
Plane Geometry	4	Plane Geometry	4
English	4	English	4
Chemistry	3	Chemistry	3

Third Year.

First Semester.		Second Semester.	
German	5	German	5
Solid Geometry	4	Trigonometry	4
College Algebra	4	Physics	4
Physics	4	English Literature	4
Zoology	4	Botany	3

V. DESCRIPTION OF COURSES.

LATIN.

1. Beginning Latin. Careful attention is paid to the mastery of inflections and the essential rules of syntax, and to the acquisition of a good vocabulary. Bennett's Latin Lessons and Grammar are used.

2. Caesar. The work of the Junior year includes the reading of four books of Caesar's Gallic War, or an equivalent, with frequent practice in prose composition. The text-books used are Bennett's Caesar and Latin Composition.

3. Cicero; Ovid. The Middle year is devoted to the reading of five orations of Cicero and one thousand lines of Ovid. The work in prose composition is continued and in connection with the Ovid, the study of hexameter verse is begun. Text-books used are Bennett's Cicero, Bennett's Composition, and Kelsey's Ovid.

4. Vergil; Ovid. In the senior year, six books of the Aeneid and six hundred lines of Ovid are read. The literary and rhetorical features of the work are noted, and the study of hexameter verse continued. Bennett's Vergil is used.

GREEK.

1. Beginning Greek. In the first year of the study of Greek, the student's efforts are chiefly directed towards the mastery of the inflections as a foundation for future work. The subject is presented systematically with frequent reviews and other tests. The principles of syntax are presented inductively. Proper methods of study in relation to the training of memory and reosen are emphasized. Text-book: White's First Greek Book.

2. Second Year Greek. The reading of easy selections leads up gradually to the study of the Anabasis in the first semester of the second year. This is followed by the reading of three books of Homer's Odyssey. Sight reading, prose composition, and a detailed study of the geography of Greece are included in the year's work. Text-books: Goodwin's Anabasis and Seymour's Odyssey.

MATHEMATICS.

1. **Higher Algebra.**—Through Equations of the First Degree. Four hours a week, first semester.

2. **Higher Algebra.—Completed.** Three hours a week, second semester.

3. **Geometry.—Plane.** Four hours a week, first semester.

4. **Geometry.**—Plane, completed. Four hours a week, second semester.

5. **Geometry.**—Solid and Spherical. Four hours a week. first semester.

6. **Algebra.** Review. Four hours a week, second semester.

SCIENCE.

1. **Botany.**—Botany is required of the students of the Scientific Course in the second semester of the Middle year. The work includes the study of the organs and life processes of the higher plants. This involves both field and laboratory work. One hour recitation and four hours laboratory work a week.

2. **Zoology.**—Zoology is studied in the first semester of the Senior year, and is required of students in the Scientific Course. One hour of recitation and four hours of laboratory work a week.

3. **Physics.**—The aim in teaching Physics is to combine the recitation and the laboratory method. A good text-book is put into the hands of the pupils. Accompanying the recitation, general experiments are given to illustrate the principles of the science. The student is then admitted to the laboratory and performs a series of experiments, making his own measurements and computations and entering them in his laboratory note-book. This note-book is a part of the permanent results of the study for which credit is given. Four hours a week throughout the year.

4. **Chemistry.**—General Chemistry is required of students in the Scientific Course throughout the Middle year. The text used is Brownlee's First Principles of Chemistry. The work is of such a nature as to give data from which the student may

himself derive the more important laws governing chemical reaction. Students are required to make a careful written record of facts observed and drawings of apparatus used, and to write all reactions. One laboratory period and two recitations a week.

ENGLISH.

1. **Elementary Rhetoric and Composition.** English Grammar and punctuation briefly reviewed. Remainder of year given to the theme and its development, paragraph and sentence writing, figures and prosody, as outlined by Lockwood and Emerson. Daily original papers. Four hours a week throughout the year.

2. **American Literature.** History of American Literature by Brander Matthews, first semester. Selections, second semester. Whittier's Eternal Goodness, Last Week in Autumn, Toussant L'Ouverture, Bryant's Thanatopsis, Forest Hymn, To a Waterfowl, Lowell's Vision of Sir Launfal, The Changeling, The Courtin', Emerson's Essay on Compensation, Hawthorne's Great Stone Face. Irving's Sketch Book, Poe's Poems. Four hours a week throughout the year.

3. **History of English Literature, and Masterpieces.** Selections from Anglo-Saxon Literature, Chaucer, Spenser, Bacon, Shakespeare, Milton, Dryden, Addison, Pope, Goldsmith, Burns, Scott, Byron, Wordsworth, DeQuincey, Macaulay, Browning and Tennyson, as outlined by Painter in Introduction to English Literature. Three hours a week, second semester.

HISTORY AND CIVICS.

The Academy aims at furnishing its students as large an opportunity for acquiring a knowledge of these subjects as is consistent with the claims of other studies. A semester each is given to Ancient and Mediaeval, and Modern History, and to a review of the History of the United States and of Civics. The courses in History are designed to give a thorough knowledge of the outlines of the subject and to lay a broad substructure for subsequent historical study. Four hours a week.

GERMAN.

It is the aim of this department to give a thorough grammatical and conversational knowledge of German. The first year's work is devoted to Elementary Grammar, including declensions, conjugations and translations of English exercises every day, and conversational drill.

The German script is used and the conversation of the class-room is in German as far as possible.

The second year is devoted to a more advanced study of the best authors, and one day each week is devoted to prose composition.

1. **Bacons German Grammar; Glueck Auf.** Five hours a week.

2. **Grammar continued.** Immensee. Five hours a week.

3. **Grammar Review.** Thomas' Practical Grammar, Part I. Wilhelm Tell. Five hours a week.

4. **Grammar Review continued.** Freytag's Die Journalisten. Five hours a week.

ENGLISH BIBLE.

1. **The Books of the Bible, the Geography of the Bible Lands, and Bible Institutions.** Two hours a week, second semester.

2. **An outline of Old Testament History for young students.** Two hours a week, first semester.

3. **The History of the Jews from Solomon to the time of Christ.** Two hours a week, first semester.

THE SCHOOL OF PEDAGOGY.

INSTRUCTORS.

ALBERT P. COOK,
Pedagogics.

CLARA W. MINGINS,
Principal of Training Department.

MRS. E. O. PERIAM,
Associate Principal of Training Department.

JAMES E. MITCHELL,
Sociology and Psychology.

HANSFORD M. MacCURDY,
Biology.

KATE L. BOOTH,
Drawing.

MARGARET E. HAUGHAWOUT,
English.

MRS. JOSEPHINE ST. JOHN,
Voice.

ELLEN RANSOM,
Piano.

JAY CLIZBE,
English Bible.

I. OBJECTS AND ADVANTAGES.

The importance of an adequate preparation for the profession of teaching has led to the unifying of the work of pedagogical instruction in this institution under the title of the School of Pedagogy. The school is divided into three departments, viz: Pedagogics, Kindergarten Training and Normal Instruction, each of which is independent of the others, and yet has certain points of contact with them. Through this correlation the student secures very substantial advantages in the stimulus that comes from contact with workers whose aims are similar to his own, and in the clear view it gives him of the place that his own work occupies in the field of educational effort.

All the rich opportunities for culture that a thoroughly equipped college affords may be utilized here by the members of this school. Among these may be mentioned classes in drawing and vocal music, lectures on special and general topics, a fine library whose pedagogical section is especially rich in the latest works on pedagogy, a reading room on whose tables are found the foremost periodicals of a professional character, and well equipped laboratories for special work in science. A perusal of this catalogue should convince the most skeptical that a course of training for teaching which is pursued in such an environment has the promise of most valuable results both in general culture and in special fitness for the work of training the young.

A committee of the Faculty has special charge of securing positions for graduates of the school, and every effort is made to be of assistance to them in this matter.

II. DEPARTMENTS AND COURSES OF INSTRUCTION.

PEDAGOGICS.

The courses in this department are offered to the members of the Junior and Senior classes in the College. For the description of the work see page 47.

KINDERGARTEN TRAINING.

Purpose.

The purpose of the department for Training Kindergartners is to give special training to young women who desire to make the education of children their profession, and to aid those who wish to be benefitted by the discipline and increased insight and consequent broad cultivation, which a study of the system will give.

The underlying conception of the course is that acceptable work can be done only on the basis of thorough scholarship in all the branches that bear upon general education. The educated kindergartner must also have an insight into the general principles of education and the best methods of applying them, and a well-grounded knowledge of the theory and practice of education in the kindergarten.

Requirements for Admission.

A diploma of graduation from a four years' English or Scientific course of high school grade, or its equivalent.

All students must be at least eighteen years of age.

It is essential that the applicant have some ability to sing and play the piano, or failing this, take such work during her course as will cultivate the required ability.

A certain degree of culture, great patience, adaptability, good health, and a willingness to work, are positive necessities.

Requirements for Graduation.

A student must have completed to the entire satisfaction of the faculty three years of theoretical and practical work and have demonstrated her ability to teach as well as direct a Kindergarten, before a diploma will be granted.

The degree of Ped. B. will be conferred upon graduates from the three years' course.

A college degree will be conferred upon those completing the four years' course.

All work lost for any reason must be made up before a diploma will be granted.

All students will be on trial for one semester to test qualifications and fitness.

Practice Work.

In the Freshman year the students are given opportunity to observe lessons given to children in the College Kindergarten, thus seeing the practical application of the principles they are studying. The students of the Sophomore class act as assistants under the guidance of a competent director and are under the direct supervision of the Principal of the Department.

In the Junior year the students are given practice as directors of a Kindergarten, supervised by the principal of the department. They are also given special work with children and the training classes.

Each student has practical child study from the time she enters the Kindergarten Department until she graduates.

The constant discussion of the work in all its phases with teachers of long experience means much to the earnest student.

Special Features.

1. College work with regular professors.
2. Special lectures by members of the college faculty and other educators of note.
3. Practice under the supervision of expert teachers.
4. The broadening and cultural effect of college life.
5. The experience of dormitory life, which gives the young woman actual knowledge of community life with its adjustment of the individual to life as a whole.
6. Work in the music and art departments at a nominal added expense.
7. Certain studies with college professors in the regular college course entitling the students to recognized college credits for work completed.
8. Special attention to individual needs.
9. Practical as well as theoretical child study.
10. A Literary Society organized with the approval of the faculty is conducted by the student body. It is known as the Froebel Club and its aim is the development of correct literary expression and an assurance of manner, poise and confidence in addressing the public.

NORMAL INSTRUCTION.

This department offers a course of four years which, in addition to the academic work, includes professional instruction in History of Education, School Organization and Management, School Law and School Systems, Child Study and Theory of the Kindergarten. The instruction is thorough, comprehensive and practical, and gives ample preparation for securing a First Grade Certificate.

Students who furnish certificates of academic work done elsewhere may be admitted to advanced standing, and thus be able to complete the course in less than the prescribed time. A certificate will be given to those who finish the work of this department.

III. OUTLINES OF THE COURSES OF STUDY.

PEDAGOGICS COURSE.

Junior Year.

First Semester.		Second Semester.	
History of Education	2	School Management	2
Vocal Music	1	Child Study and Theory of Kindergarten	1
Drawing	1	Vocal Music	1

Senior Year.

First Semester.		Second Semester.	
Applied Psychology	2	School Law and School Systems	2
Principles and Methods of Teaching	2	Course of Lectures on Organization and Management of Schools	1

As supplementary to the course of study, four essays, a thesis and a course of reading on educational topics are required.

KINDERGARTEN TRAINING COURSE.

Freshman Year.

First Semester.		Second Semester.	
Biology	3	Biology	3
English	2	English	2
Bible	2	Music	2
Music	2	Gift Work	3
Kindergarten Theory	2	Painting Drawing Color	1
(a) Observation in Kindergarten.		Theory	2
(b) Study of one child.		(a) Literature of child study applied to the individual child.	
(c) Explanation of obvious features of the Kindergarten, and instruction in			

Freshman Year—Continued.

some of the methods of developing the child.	
Gift Work	3
Occupations	2
Ethics	1
Sense Training	
Nature Work	1
Songs	
Games	1
Rhythms	

(b) Observation of special lessons.	
Ethics	1
Sense Training	
Nature Work	1
Songs	
Rhythms	
Games	1

Sophomore Year.

First Semester.	
Gift Work	2
Occupation Work	2
History of Architecture	1
History of Education	1
Theory	2
(a) Principles of Education.	
(b) Criticism and discussion.	
(c) Program Work.	
(d) Teaching under supervision	5
Child study	1
(a) Tests of children.	
(b) Physical nature of child.	
Ethics	1
Preparatory Psychology	1
Songs, Games, Rhythms	
Story Telling, Mythology	
Elective	3

Second Semester.	
Biology	2
Gift Work	2
Occupation Work	2
History of Architecture	1
History of Education	1
Theory	2
(a) Principles of education.	
(b) Preparatory Psychology.	
(c) Philosophy of Kindergarten.	
(d) Teaching under supervision	5
Child Study	1
Physical nature	
Mother Play	1
Songs, Games Rhythms	1
Elective	3

A large part of the morning will be spent in the Kindergarten.

Junior Year.

First Semester.	
Pedagogy	1
Education of Man	1
Mother Play	1
Applied Architecture	1
Hand Work	2

Second Semester.	
School Management	2
Pedagogy	1
Education of Man	1
Mother Play	1
Hand Work	2

The Founder's Room.

The Kindergarten Room.

Junior Year—Continued.

Theory	3	Theory	3
(a) Theory applied.		(a) Theory applied.	
(b) Teaching as directors.		(b) Teaching as directors.	
(c) Program of work made and criticised.		(c) Program of work made and criticised.	
Child Study	1	Electives	6
Electives	6		

The morning is spent in teaching during Junior Year.

Senior Year.

Theism	2	Second Semester.	
Principles of Sociology	3	School Systems and Laws	2
Psychology	3	Ethics	2
Pedagogical Lectures	1	Electives	10
Electives	6		

As supplementary to the course of study, essays, a thesis and a course of reading on educational topics are required.

An opportunity for special work in the Kindergarten will be given in the Senior Year.

THE COMMERCIAL SCHOOL.

INSTRUCTORS.

HENRY J. MEYER, M. ACCTS., Principal,
Bookkeeping, Shorthand, and Typewriting.
MARY O. EDDY, A. M.,
English.
IRA T. CARRITHERS, A. B.,
Civics.

I. BUSINESS TRAINING SCHOOL.

Alma College Commercial School is a modern business training school for young men and women. It is one of the six divisions of Alma College. The courses of study embody all the ordinary branches, and in addition to these gives a broad conception of the principles underlying modern business methods. The course may be taken to advantage by young men and women of limited or liberal education.

It is the function of Commercial Schools to teach that which relates to the transaction of business, and to impart a general training in the work of the counting-room and office.

The Alma College Commercial School was organized for this distinct purpose, and bases its claim for public patronage not only on the efficient instruction given, but especially upon the effective methods of instruction employed.

Importance of a Business Training.

At one time the liberal education of the College answered every purpose, but today special and technical training is a necessity. The many diversified interests and industries make this imperative in business life.

The subjects in our courses of study are selected with a view to discipline, continuity, and association, and show a correlation that exists in the school of life. This practical knowledge, when acquired, is the key with which ready admission to the business world may be had. The real aim is to prepare young men and women for usefulness in life. To stimulate them by modern subjects and practical methods in right thinking, noble endeavor, and correct conduct.

II. WHO MAY ATTEND.

Alma College Commercial School invites and receives for admission both sexes, not under sixteen years of age, the chief requisite being a good moral character, an honest desire to learn, and a conscientious effort to perform faithfully the work prescribed. A common school education is sufficient preparation, there being no special educational qualifications demanded. Of course, the more knowledge a student brings with him, and the better his mind is trained to study, the more rapid and satisfactory will be his progress.

III. THE COURSES OF STUDY.

Three regular courses of instruction are provided, viz: the Business Course, the Shorthand Course, and the Combined Course.

The Business Course includes those subjects which train especially for the work of the bookkeeper and general office assistant, while the Shorthand Course is intended to train young men and women for the work of office amanuensis. The Combined Course, as the name implies, is intended for those who wish to fit themselves for both lines of work or who desire to fit themselves for teaching commercial branches.

IV. OUTLINES OF THE COURSES OF STUDY.

THE REGULAR BUSINESS COURSE.

Bookkeeping
Penmanship
Arithmetic
Business English
Rapid Calculation
Spelling
Civics

Advanced Bookkeeping
Correspondence
Spelling
Commercial Law
Business Practice
Banking
Commercial Geography

THE COMBINED COURSE.

This course is arranged for those students who desire to prepare more thoroughly for a business career than can be done in one year, or for those who desire to fit themselves as teachers of commercial branches.

First Year.

- Bookkeeping
- Business Penmanship
- Commercial Arithmetic
- Business English
- Spelling
- Rapid Calculation
- Correspondence
- Commercial Law
- Business Practice
- Banking

Second Year.

- Shorthand
- Touch Typewriting
- English
- Business Correspondence
- Billing
- Manifolding
- Mimeographing
- Civics
- Commercial Law
- Commercial Geography
- Pedagogy
- School Management

THE SHORTHAND AND TYPEWRITING COURSE.

- Shorthand
- Touch Typewriting
- Penmanship
- Rapid Calculation
- Spelling
- Correspondence
- Punctuation
- Commercial Law
- English
- Civics
- Commercial Arithmetic
- Mimeographing
- Manifolding
- Billing

ELECTIVE BOOKKEEPING.

It is coming to be a well recognized fact that a practical knowledge of accounts and of business methods is not only necessary to the professional bookkeeper and business man, but it ought to be a part of the equipment of every young man or woman going out into life. Prominent and progressive educators all over the land are directing attention to the defects in our modern educational system in failing to give our youth a knowledge of the simplest and most generally employed methods of every day business affairs. Realizing the urgent need of such training, we have arranged our course so that bookkeeping may be taken with other studies by such students as desire a practical knowledge of ordinary accounting.

V. DESCRIPTION OF COURSES.

Bookkeeping.

Bookkeeping is taught individually. This plan of individual instruction has many advantages. (1) The bright student is not held back by others who are slow, but is allowed to go ahead as fast as he can do his work well. (2) The slow is not pushed ahead of his ability by those who are more rapid in their work, but is allowed to understandingly master the work as he proceeds. (3) This individual work in bookkeeping renders the course flexible. The student may devote all the time he can spare from other studies to this subject, and therefore may always be kept busy. Special test exercises are given frequently. Ten hours a week throughout the course are given to this subject.

Penmanship.

Plain rapid business writing is one of the most important business requirements of the present day. Many good bookkeepers have lost excellent positions because they were unable to write a plain, legible hand. We realize the importance of this branch and devote three hours a week throughout the course to this subject.

Arithmetic.

It has been our observation that most errors in accounts are made because of the lack of knowledge of commercial arithmetic. In view of this fact, we have arranged a thorough course in arithmetic, in which we lay special stress on percentage.

Rapid Calculation.

The necessity of pencil and paper to figure out even the simplest items, is a stumbling block to the accountant which will ever retard him in his business. To remedy this defect the student is given general exercises in rapid calculation, including rapid addition, cross multiplication, extensions, interest and discount, by the shortest known methods.

English.

"He who can use language correctly and forcefully is able to wield a strong influence in almost any sphere of action." This is certainly true when applied to the sphere of business, and we urge young men and women, if they would be successful, to make a thorough preparation in this study. To those who are deficient in this important branch, this school offers splendid advantages. The student of the Shorthand Course may pursue any of the courses of English given in the Academy of Alma College that will be of profit and advantage to him. A course is also given in practical business English which affords special drill in spelling, letter writing, punctuation, and business expression.

Commercial Geography.

Every business man should be familiar with the actual physical conditions that today affect commerce. A study of this branch familiarizes the student with the productions and commerce of various parts of the world. It shows the relation existing between this and other countries, the imports, exports, and tendencies of trade.

Shorthand.

There is a constant demand for good shorthand writers, and a practical stenographer can always secure employment. In this department we not only aim to teach the subject, but to give the students such a training as will enable them to graduate as thoroughly competent stenographers. For this reason we make it a point to thoroughly examine those who enter this department and then frankly state to them what they may expect as a result of their work. The person wishing to learn shorthand should at the outset take a thorough course in English; he should read good literature and by all means be able to spell. Our methods of teaching Shorthand are thorough and up-to-date. While studying the principles, the student writes sentences, and is instructed in phrasing from the very beginning. When the principles are learned, writing from simple dictation, more advanced reading exercises and constant reviews are given. This is followed by advanced dictation work, with speed drills in reading and writing.

Tyepwriting.

We use the touch system, following out a systematic course of study and practice, besides having the standard single and double keyboard machines.

Aside from its every day use, the typewriter becomes a very effective agent in perfecting the student in the use of good English. Errors in spelling, punctuation, capitalization and paragraphing, become very noticeable on a typewritten page, much more so than on a penwritten page; therefore, the writer takes more pride in having the work correct.

VI. REQUIREMENTS FOR GRADUATION.

All papers are graded on a scale of one hundred, and seventy-five per cent is required in all branches belonging to the course except spelling, in which the student must acquire a grade of ninety per cent. Certificates from High schools and other schools of good standing will be accepted.

In the Shorthand Course a speed of one hundred words per minute in shorthand and thirty words per minute on the type writer is required. Examinations also in all the other branches outlined in that course.

Diplomas are granted to those who complete the Commercial or Shorthand Course and pass the examinations satisfactorily to the Faculty.

VII. GENERAL REMARKS.

The Time of Admission.

Students may profitably enter at any time during the school year. However, those students who desire to take a full course should enter at the beginning of the school year.

Time Required.

The time required to finish either the Business or the Shorthand Course, depends much upon the student's ability and industry. The average time is one year; however, some students finish in less time.

Attendance and Reports.

As this is a business training school, we have only such rules as are necessary to govern any well regulated office. We have with us earnest seekers after a business training, therefore we do not treat our pupils as children. Everything is conducted in an orderly and business like manner. We expect our pupils to be regular in attendance, on time, and diligent in the pursuit of their work. Reports of standings are given to the students at the end of each semester, and if required, a dpulicate copy will be mailed to the parents or guardians.

To Business and Professional Men.

We shall esteem it a favor on the part of the business men if they will give our graduates an opportunity to enter into competition for such vacancies as may occur in their establish ments. Applications for young men or women in any capacity may be made at the College or by letter. We assure the business community that confidence may be reposed in such persons as are recommended by us, and that they can be depended upon both for ability and integrity.

Ask for Information.

It is part of our business to answer questions concerning our school as promptly and accurately as possibble. Do not hesitate to ask for any information you may desire in regard to our school. Remember, however, that if a question is answered in our catalogue or other literature we send out, it is just as reliable as if a personal letter were written.

Address all communications to Alma College Commercial School, Alma, Michigan, and all inquiries will be promptly answered.

The Library.

THE SCHOOL OF MUSIC.

INSTRUCTORS.

MRS. JOSEPHINE ST. JOHN,
Director.
Voice Culture, History of Music and Theory.

ELLEN RANSOM,
Principal of Piano Department.
Pianoforte, Harmony.

MINNIE M. CHEESMAN,
Pianoforte, Music Building, and Normal Methods.

LINNIE UDELLE,
Violin.

Four courses of study are offered: Pianoforte, Voice Culture, Pipe Organ, and Violin. Upon the completion of any of these courses with satisfactory public performance, a diploma will be given.

I. PIANOFORTE COURSE.

This course is divided into five grades. The time required for its completion will depend upon the talent and application of the pupil.

Harmony, Musical History, and either Voice, Pipe Organ, or Violin, grades I and II, are required. Ensemble work both in sight reading and in mastering concerted works is expected.

Careful attention is given to the laying of a thorough foundation in technique, and much attention is given to tone production.

The habit of intelligent and careful practice and study is insisted upon. This foundation established, the musical education of the pupil is continued with as much attention to detail and to breadth of study as the limits of the course will permit. Such works of both classic and romantic composers are chosen, as will develop the student technically and musically to the best advantage.

While correct habits and methods are inculcated, the individuality of the student is developed as far as possible. The following list of compositions is suggestive only of the work required, much freedom of selection being exercised to meet the needs of the individual pupil.

Grade I.

Beyer; Loeschhorn, op. 65; Preparatory Exercises, Schmidt; Gurlitt, op. 101; Duvernoy, op. 176; Biehl, op. 44, Book I.

Grade II.

Loeschhorn, op. 52, op. 66; Mathews; Heller; Tompkins' Neglected Fingers; Practical Finger Exercises, Czerny; Twelve Little Preludes, Bach; Sonatinas, by Krause and Reinecke.

Grade III.

Bach Inventions; Gurlitt's Octave Studies; Studies by Bertini, Schmidt; Loeschorn, op. 67; Heller, op. 45, 46, and 16; Czerny's School of Velocity; Studies selected by Kuener; Haydn's and Mozart's Sonatas.

Grade IV.

Cramer; Hassert; Moscheles' Preludes; Bach's French and English Suites; Mozart's and Clementi's Sonatas; Kullak's Octave Studies, Book I.

Grade V.

Czerny, op. 740; Cramer, Kullak's Octave Studies, Books I and II; Clementi, Gradus ad Parnassum; Bach, Preludes and Fugues; Compositions by Beethoven, Schumann, Chopin, Liszt and other composers.

II. VOCAL COURSE.

This course comprises Vocal Culture, Harmony, Musical History, and Pianoforte, Grades I and II.

The vocal work is divided into five grades, corresponding to the pianoforte course; but no definite time is fixed for the completion of any grade of the course, as the talents and application of the student determine the rapidity of his progress.

The purpose of this department is to cultivate the art of singing, physiologically and aesthetically. At the same time something beyond mere technical skill is arrived at, in that a musicianly style of singing, together with an appreciation of and ability to render the works of the great masters is earnestly striven for. The Orgeni method, developed from the Lamperti and the Viardot Garcia systems of instruction is used.

Grades I and II.

The different actions of the vocal chords throughout the various registers are established and the same carefully blended. Diaphragmatic breathing is thoroughly grounded; technical exercises to be sung mezzo de voce are given for the purpose of producing purity of tone and acquiring a good legato and flexibility. Solfeggi from Scharfe's first book; Sieber's Elementary Vocalises; Marchesi's op. 5.

Grades III and IV.

The natural purity, richness, and range of the voice are carefully extended, enunciation and intonation are thoroughly considered. Vocalises and Solfeggi during the work in these grades are selected from Sieber, op. 129 to 143 inclusive; Marchesi, op. 6; Concone, op. 10; and Scharfe's Second Book. Ballads and songs are used extensively. Practice in ensemble, in duet, trio, quartet, choir, and chorus is furnished.

Grade V.

In this grade artistic development in regard to tone in sostenuto and pianissimo is carried on, the range of the voice is carefully extended and accuracy and brilliancy in technical execution are further advanced. Vocalises are selected from Scharfe's Book III; Concone's op. 12; Rigini's, Marchesi's op. 7; Bordongni's studies for phrasing and flexibility. A repertoire of church and concert music is prepared. Arias from the operas and oratorios are studied. Ensemble singing is continued.

III. PIPE ORGAN COURSE.

Students entering this course must have finished the first and second grades in the regular course of pianoforte playing. History and Harmony are required.

Grade I.

Study of normal touch. Pedal playing. Elementary registration.

Grade II.

Stainer's, Rink-Best organ schools. Schneider-Allen, exercises in pedal-playing, etc.

Easy pieces by Merkel, Dubois, Fischer and others.

Hymn playing.

Grade III.

Instruction books according to individual needs. Eight chorals and lesser fugues by Bach and solo compositions of moderate difficulty of the classical and modern schools.

Grade IV.

Pedal phrasing studies by Buck, sonatas by Mendelssohn, chorals and lesser fugues by Bach and solo compositions of moderate difficulty of the classical and modern schools.

Grade V.

More extended study of the works of Bach, Mendelssohn, Rheinberger, Widor, Guilmant and others.

A pedal piano has been added to the equipment of the music department for the use of students in the Pipe Organ course.

IV. VIOLIN COURSE.

This course comprises the study of the Violin, Harmony, Musical History and Pianoforte, grades I and II.

Ensemble playing is made a special feature. Pupils have the privilege of participating in duets, trios, quartets, rehearsals of the string orchestra class and the pupils' recitals which are given at intervals during the year.

Grade I.

Easy exercises, studies and pieces. Intervals, embellishments, etc.

Grade II.

Diatonic and Chromatic scales in all positions, bowing exercises, intervals. Selected solos of Dancla, DeBeriot and others.

Grade III.

Intervals. Bowing exercises. Studies by Kreutzer and Alard op. 16. Violin sonatas by Haydn, Mozart, Schubert, etc.

Grade IV.

Remainder of Kreutzer Studies Nos. 30 to 40; exerices by Leonard and Schradieck. Rode's 24 Caprices. Bow studies by Meerts. Violin Sonatas by Beethoven, Schumann, Grieg and others. Concertos by Viotti, Rode and Kreutzer. Pieces of classic and modern form.

Grade V.

Studies by Dont and Paganini. Concertos by Spohr, Mendelssohn, Beethoven. Brilliant concert solos by DeBeriot, Bazzini, Wieniawski, Vieuxtemps and others. Playing at sight of first violin part of Beethoven's String Quartets.

Ensemble Singing.

Advanced pupils in voice are given the opportunity to do ensemble work in the duets and trios of Jadassohn, Rubenstein, Schumann and the concerted works of the other composers.

The Choral Society prepares for public performance, choruses, cantatas and selections from the operas and oratorios. It is open to all students. Entrance tests as to quality of voice and ability to read music are required of all. Credit will be given for regular attendance at chorus and choir practice.

Pianoforte Ensemble Class.

Advanced pupils in pianoforte are admitted to the Ensemble Class, which meets once a week to study the Bethoven Symphonies.

Harmony and Musical History.

Classes in these subjects are open to students who have entered upon the third grade.

Harmony—two years.

Musical History—one year.

Frequent reviews and tests are required, and examinations are given at the end of each semester. Candidates for graduation are required to pass a satisfactory examination in all of these subjects.

Public School Singing.

The object of this course is to fit those who are otherwise qualified, for the supervision of music in public schools. To receive a diploma students must have had two years of Harmony and at least two years each of Voice and Piano, a year of

History of Music, from one to two years of Methods and Sight Reading, according to the abiblity of the student, and Psychology as pursued in the Kindergarten Course. Graduates from this course will receive a certificate from the state entitling them to teach in the public schools.

Sight Singing.

A class in the rudiments of musical notation and reading music at sight is conducted during each year. It is open to all students of the College. Special classes of three or four will be formed for more thorough and extensive work.

Recitals.

In addition to the faculty recitals, artists' recitals are given during the year.

By means of the pupils' recitals, which are given weekly, and numerous entertainments, an abundant opportunity is given the pupils for public performance.

The following concerts and recitals have been given under the auspices of the School of Music during the past year:

March 24, 1908. Recital of the School of Music.

April 24, 1908. Artists' Recital, by Miss Ellen Ransom and Miss Davidson.

June 1, 1908. Piano Recital, by Miss Theo Amsbury.

June 3, 1908. Pupils' Recital, "Cosi Fan Tutte," by Mozart.

June 9, 1908. Voice Recital, by Miss Grace Messinger and Mr. George Sutton.

June 11, 1908. Piano Recital, by Miss Hazel Bahlke and Miss Theresa Kirby.

June 16, 1908. Annual Concert of the School of Music, Miss Jeanette Durno, Pianiste.

June 16, 1908 (afternoon). Graduating Recital, by Miss Dora Alexander and Miss Lillian Jackson.

Chapel and Church Choirs.

Practical work in ensemble singing is required of advanced students of Voice Culture and Public School Music, in connection with regular attendance in the chapel and college church choirs.

Music Building.

Among the particular aims of this method of music study are these: to start the musical education in a rational manner; to teach the scientific rudiments of music in an interesting way; to train the ear thoroughly, and to develop the rhythmic sense; to give such knowledge of the beginnings of musical history and the lives and works of the great masters, as shall create a love for and appreciation of the best in music.

To this end beginners are taught the "Dunning System of Music Study" which is endorsed by the leading musicians of the day, first among them, the great teacher, Leschetizky.

For concentration and memory work, the Faelton System is used, and later in the course, the Leschetizky System of Technic.

Sight Reading through ensemble playing is also a special feature of this course.

Physical Training.

Music students are required to attend a special class in rhythm arranged to enhance their appearance in concert and recital.

Literary Requirements.

Graduates from any one of the courses in Music must have the following literary studies: two units of French, two units of German, two units of History, one unit of Elementary Science, four units of English, including College English 1 and 2, and Elementary Psychology.

Miscellaneous Items.

Music students are allowed to take language study to the extent of five hours per week without extra charge.

No student of the department is allowed to take a musical part in a public performance without the permission of the teacher with whom he is studying.

No deductions are made for lessons missed except in case of protracted illness. In such case, the College shares the loss equally with the student.

The department possesses a library of well-chosen music, to which the students have access.

THE SCHOOL OF ART.

KATE L. BOOTH,
Principal.

I. OBJECT.

The object of this School is to develop the power of observation, and to train the eye and hand to produce what is seen:

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The School is furnished with a good assortment of casts, a large addition having been made in recent years. A kiln for the firing of china has also been provided, which further increases the efficiency of the Decorative Department.

II. COURSES OF STUDY.

First Year.

Elementary principles of Drawing and Perspective in Pencil and Charcoal.

Drawings from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

Second Year.

Sketching and drawing from Still Life.

Grouping and Composition.

Third Year.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

Fourth Year.

Painting from Life and Nature exclusively

The class in sketching from Nature is continued throughout the Spring and Fall, as the season permits. This branch of the department, as well as sketching from life, receives special attention.

The work of the pupils will be on exhibition during Commencement Week.

It is especially desired that all students entering for a course in Art should be present at the opening of the Semester.

Wright Hall Reception Room.

Dining Room

GENERAL INFORMATION.

Suggestions to Applicants for Admission.

The requirements for admission to the College are presented on pages 9 and 12, to the Academy, on page 36. For an understanding of the nature and scope of the courses of study of the College, the applicant should study the description of the courses given on pages 17-34. The table of contents at the end of this Catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a semester, so as to conclude all necessary arrangements. A list of rooms and boarding places may be consulted at the College office in the main building. Young women may repair directly to Wright Hall and consult the Dean with regard to matters of personal interest.

Letters of inquiry may be addressed to the President or to the Dean of Wright Hall.

Admission and Dismission.

Applicants for admission to any department of the institution will first report to the President for registration. They must present testimonials of good character, and those who are from other institutions of learning must furnish certificates of standing and honorable dismission. If they desire to enter any of the College courses, they will then report to the Registrar; if any of the schools, as Art, Music, etc., they will report to the Principal of the school. Those who do not bring diplomas or certificates from accredited schools will then be sent to the different instructors for examination. As soon as the applicant is informed of his admission, he will repair to the Secretary of the College and pay his first semester's bill.

All students admitted to the institution will be on probation for the first three months. If during this period a longer stay is by the Faculty deemed inadvisable in the case of any student, he may be so informed privately and permitted to withdraw.

Any student may at any time, be privately dismissed if the Faculty deem his further connection with the school undesirable.

Any student against whom there are no unpaid bills or charges of misconduct is entitled to an honorable dismission.

Studies and Examinations.

No student may take up a study out of the order prescribed in this catalogue or drop a study once entered upon without the consent of the Faculty.

No student shall be allowed to take more than the number of hours of work scheduled for his class without the permission of the Faculty.

Students whose class-work is unsatisfactory will not be allowed to represent the institution as delegates to conventions or members of athletic teams.

Examinations are held at the close of each semester and at intervals during the semester at the discretion of the instructors. The results of the semester examination are reported to parents and recorded for future reference.

If at any examination the standing of a student is unsatisfactory, he shall be duly informed and notice shall be sent to his parents or guardian. If there be no improvement, the student may be dismissed from college.

Conditions must be removed within one year from the time of the examination.

Degrees and Certificates.

The degree of Bachelor of Arts is conferred upon graduates from Group I; that of Bachelor of Philosophy upon graduates from any one of the Groups II to V; and that of Bachelor of Science upon graduates from Group VI or VII, and the four years' Kindergarten Course.

A Master's degree in any of the above-mentioned groups will be conferred only on graduates of two years' standing who shall have pursued advanced studies under the direction of the Faculty, and given satisfactory evidence of adequate attainments.

Students who complete the prescribed course in the Academy, the Pedagogical, the Commercial, the Music or the Art School, will receive certificates of the fact.

Rules for Classifying College Students.

1. For Sophomore standing a minimum credit of 35 hours is required; for Junior standing, 65 hours; for Senior standing, 105 hours.

2. No student shall be classified as a Sophomore who has any entrance conditions; or as a Junior, who has any Freshman conditions; or as a Senior, who has any Sophomore conditions.

Location and Advantages.

The flourishing city of Alma is situated in Gratiot county, about thirty-nine miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Pere Marquette and Ann Arbor railroads renders it easily accessible. The town has good sewerage and an excellent system of water works, and experience proves that it is exceedingly healthful. The moral tone of the community is high, its church privileges abundant and its public school system fully organized and efficient. **There are no saloons in Gratiot county.** Those who have children to educate and who desire to surround them with the influence of home life will make no mistake in choosing Alma as a place of residence.

College Buildings.

Of these there are at present six: the Recitation Building, Wright Hall, the Library, the Museum, the Gymnasium, and Pioneer Hall.

The Recitation Building contains the College office, chapel, recitation rooms, laboratories, rooms for the Art and Music schools, and halls for the Zeta Sigma and Phi Phi Alpha literary societies.

Wright Hall, the home provided for the young ladies by the munificence of Ammi W. Wright, is the latest addition to the structures on the campus, and in architectural appearance and adaptation to its purposes is not excelled by any building of its kind in the country. It is built of paving brick trimmed with stone, and is four stories in height above the basement, which is of field stone. The interior finish is very pleasing and the arrangements for the comfort of the occupants are complete. Great care is being taken to surround this noble edifice with a fitting setting of green sward, shrubbery and trees, that it may typify to coming generations of college students the ideal college home.

The Library Building contains the stack room, with shelving for 20,000 volumes, the large and well-lighted reading room and the librarian's office. It is built of red brick trimmed with stone, is handsomely finished in hardwood, and is in all respects well adapted to its particular use.

The Gymnasium Building contains the Founders' room, the Kindergarten rooms, the Gymnasium and an office. The rooms occupied by the Kindergarten department are large and well-lighted, and in every respect are well arranged for both school and recitation purposes. The Gymnasium occupies the entire upper floor of the edifice, and with its equipment of apparatus, the generous gift of Mr. John W. S. Pierson, of Stanton, Michigan, furnishes adequate facilities for athletic training. Here during the winter months, daily classes in physical culture offer to all the opportunity for that systematic training of the body which is so necessary to the health of the student.

The Hood Museum of Natural History, the gift of Mrs. Francis A. Hood, of Saginaw, and Mr. Frank Hood, of Pentoga, Michigan, was finished and dedicated in June, 1900. It is built of rock-faced paving brick, trimmed with red sandstone. It is two stories and a basement in height, with slate roof, and is one of the finest structures on the campus.

Pioneer Hall, the men's dormitory, for which purpose the former Ladies' Hall has been remodeled, is a substantial brick structure, three stories in height, standing at the northeast corner of the old campus. It is provided with modern conveniences, such as steam-heat, electric lights and baths, and has rooms for forty students. The assembly hall of the Y. M. C. A. on the first floor is conveniently located to serve the religious and the social needs of the men students.

These buildings, with the exception of the Museum, are heated by steam from a central heating plant.

The Libraries.

The Libraries of Alma College comprise:

(1) The General Library.

(2) The Pollasky Law Library.

(3) The Lucy Plum Mitchell Library of History and Political Economy.

(4) The Sarah H. Lancashire Library.

(5) The Arthur Hill Library of Lincolniana.

(6) The Joseph W. Ewing Memorial Library of Pedagogy and Education.

(7) The Mary C. Gelston Library of Latin Literature.

(8) The David M. Cooper Memorial Library of Ethics and Theology.

The Libraries contain 20,570 volumes and a valuable collection of pamphlets, an increase of 423 volumes for the year.

The collection embraces a great variety of works in Classical, English and Foreign Literatures, in Biography and History, in the various Sciences and Arts, and is exceptionally well furnished with encyclopaedias and complete sets of American and European reviews. They are classified and arranged according to the Dewey system, and an index of authors, titles and subjects places the contents of the Library at the command of all who are in search of information upon any subject.

Immediately adjoining the Library Room is the Reading Room, supplied with cases of reference books and the leadng journals and periodicals of this country and England.

The Law Library, the gift of Marcus Pollasky, of Oklahoma, consisting of 782 volumes, and occupying a separate alcove, is, during library hours, accessible to members of the bar, who are cordially invited freely to avail themselves of its privileges.

The Library of Lincolniana, the gift of the Hon. Arthur Hill, of Saginaw, fills a large case in the Reading Room.

Both the Library and Reading Room are open every weekday during the term from 8 a. m. to 12 m. and from 1 p. m. to 5 p. m., Saturday from 9 a. m. to 12 m., and from 1 p. m. to 5 p. m.

Students may examine and use the books and periodicals during library hours, and may draw one book at a time to be taken away and returned in one week, and, if renewed, one week longer. All other persons are allowed to use the Library and Reading Room freely, and on payment of an annual fee of $1 00 are permitted to draw books on an equal footing with the students. Transient visitors in town are charged twenty-five cents per month. Resident ministers of the gospel and their families are permitted to draw books free of charge.

We gratefully acknowledge gifts of books and magazines from:

Mrs. Francis King, Dr. A. F. Bruske, Prof. Jay Clizbe, Mrs. J. H. Lancashire, Prof. James E. Mitchell, Mrs. E. F. Ellison, Alma; John W. S. Pierson, Stanton; Chemical Department, Alma College; The State; U. S. Government; Miss Elizabeth Rood, Lapeer; Weston T. Johnson, Detroit; Ira S. Dodd; Samuel W. Allerton; Samuel H. Adams; S. S. McClure Co., New York; Frank Bartholomew, Pioneer; Harvard University; W. Wever; Marcus Scott, Detroit; George L. Raymond; Paul J. Allured, Princeton; Library of University of Michigan; Dr. David M. Cooper, Detroit; University of Pennsylvania; Amos W. Butler, Indianapolis; Leonard Laurense, Detroit; University of Chicago; Michigan Agricultural College; Charles Bradley, Newark, N. J.; Vivisection Reform Society, Chicago; Railway News Bureau.

Francis A. Hood Museum.

At Commencement, 1897, the Museum was formally opened in the east room of the ground floor of the Gymnasium Building. The installation of the collection in this place and the equipments of the Museum, had been made possible by the generous gift of Mrs. Francis A. Hood, of Saginaw, and her son, in memory of Mr. Hood, to whom the Museum is dedicated. At Commencement, 1900, The Hood Museum was formally opened again in the building west of the Library, which is wholly devoted to its needs. This building has two large exhibition halls lighted in such a way as to give the largest possible space for the display of the collections. In the basement are store-rooms and laboratories for the preparation of specimens, making the building one of the most complete and convenient museum buildings in the state.

In this building it is hoped that the museum will become to students of Science what the library is to students of Literature and History, and it is proposed to make every specimen in it as accessible for study and comparison as the books in the library are.

The cases in use in the museum are built of oak, constructed on plans furnished by the U. S. National Museum, and are provided with adjustable shelves, dust and insect-proof doors, etc. At present the geological and mineralogical collections are the only ones systematically installed. Additional cases for the Winchell collection of fossils and for the Albino deer, have been provided through the generosity of Mrs. Francis A. Hood, of Saginaw, and Francis G. Hood, of Pentoga, Mich.

The collections of the College are:

(1) The Stilwell collection of Michigan birds and animals.
(2) The W. S. Crawford collection of birds.
(3) The Shroyer-Wilcox collection of palaeozoic fossils,
(4) The Alexander Winchell collection of rocks, minerals and fossils.
(5) The general geological and mineral collection.
(6) The general geological and mineral collection.
(7) The William S. Cooper collection of shells, minerals, and butterflies.

The Stilwell collection was made by a former resident of Alma, most of the specimens being collected in the vicinity of the College and representing some species now extinct or very rare for this locality. It numbers nearly 300 specimens and was obtained by purchase.

The W. S. Crawford collection was made by the donor in various parts of the United States, and has a variety of rare specimens of birds from Florida, Arizona and Michigan.

The Shroyer-Wilcox collection is a systematic collection of palaeozoic fossils, those of the Cincinnati group of rocks being especially well represented. It is valuable as a supplement to the other collections of fossils in the museum. It was acquired by purchase.

The Alexander Winchell collection is the largest and most valuable acquisition of the museum. The collection is that gathered by Professor Winchell during his long and active life as a geologist and teacher, and contains over 6,000 specimens, many of which were collected in Michigan by Dr. Winchell and described by him. These type specimens have an especial value. The collection was presented by friends.

The general biological collection contains representative vertebrate and invertebrate animal material, most of it yet to be arranged for exhibition, which has been collected during the history of the College. It will occupy the upper hall of the Museum. It is estimated to contain 2,000 specimens.

The general geological and mineral collection is installed in the east end of the lower hall of the museum and numbers 2,500 specimens. It has been obtained largely by small gifts from numerous friends.

Laboratories.

The equipment of the Physical Laboratory is ample for experimentation in Mechanics, Hydrostatics, Light, Heat, Sound and Electricity. The Laboratory is supplied with gas, water, tables, and other appliances which add materially to its facilities for scientific work. A fine projecting and reflecting lantern has been added to its equipment.

The Biological Laboratory is furnished with all necessary apparatus for thorough and practical work. The equipment consists of a sufficient number of compound and simple microscopes, microtomes, paraffin bath, air and water nets, collecting boxes, etc., for individual field and laboratory work.

The Chemical Laboratories now occupy the entire basement of the east wing of the reception hall. This nearly doubles the laboratory space, and gives much needed room for students in quantitative and special courses.

The General Laboratory is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate twenty-four students. Each desk is supplied with gas and water under pressure, re-agents and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement. Ventilating hoods have been placed over the tables, and much improved ventilation is the result.

The Quantitative Laboratory is equipped with three fine weighing balances, blast lamps and combustion and crucible furnaces, and is provided with a large ventilating hood.

The Organic Laboratory has a good ventilating hood, balance, hot air and water ovens, Kieldahl's apparatus for the determination of nitrogen, fat extractors, and such other apparatus as is required for the work.

The Chemical Department also possesses a fine spectroscope and a sufficient amount of miscellaneous apparatus for thorough practical work. A poloriscope has been purchased for use in

Wright Hall.

the classes in Organic Chemistry. A reference library, consisting of some of the latest chemical books, is kept in the Laboratory for the use of students.

Wright Hall.

MARGARET E. HAUGHAWOUT,
Dean.

MISS T. ALBERTSON,
Matron.

Wright Hall, the gift of Mr. A. W. Wright, is one of the most complete college dormitories in the country, and has accommodations for one hundred young women. It is heated throughout with steam, is lighted by electricity, has hardwood floors, and contains a spacious reception hall, parlors and dining room on the first floor, attractive rooms for the literary societies, commodious bath rooms, fitted with porcelain-lined tubs—in fact all has been planned for the health and comfort of the students.

It is desirable that all should be members of the family at Wright Hall, which is under the immediate supervision of the Dean. She is directly responsible for the government of the young women and will assign them their rooms and have the general supervision of their personal habits and activities.

Parents and guardians are invited to communicate freely with the Dean touching the interests of their daughters and wards, thus enabling her to understand and meet the peculiar needs of each student.

Girls under sixteen years of age will not be received, except by special arrangement.

At the time of application for admission a deposit of $5 must be made by each student in order to secure a room. This sum will be credited on the first semester's bill or will be refunded if the student decides to withdraw, provided notice is sent a month before the beginning of the college year.

The rooms are single or arranged in suites and are furnished with single enameled couch bed and springs, felt mattress and pad, pillow, oak dresser, wash-stand with crockery, study table, bookcase, chairs and window shades. Each student is expected to furnish her own towels, two pairs of sheets and pillow-slips, blankets or comforts, rugs and such conveniences and adornments as may be desired.

The price of single rooms is from $18 to $36 a semester, according to size and location, the most of them being $22.50 and $27 a semester. A deposit of 50 cents is required for keys, which is returned on surrender of keys.

Table board is $2.75 per week. The price may vary as necessity requires. An extra charge is made for meals sent to rooms.

In case of serious or extended illness, the student will be removed to the sick room, the expense of which is $1.00 per week. When a nurse is necessary, the expense will be charged to parents or guardians.

Wright Hall will be closed during the vacations.

Any young woman wishing to enter the institution should make application to the Dean by letter at an early date, giving age and acquirements and stating wishes as to room, courses of study, etc.

Pioneer Hall.

MRS. EVA SPAULDING,

Matron.

To young men in Alma College who prefer dormitory life, ample facilities are offered at Pioneer Hall, where the substantial comforts and conveniences of home life are provided at moderate cost. All the rooms are lighted by electricity and heated by steam, and are cared for by a competent matron, who looks after the comfort of the students. Ample bathing and toilet conveniences are provided.

The government of Pioneer Hall is under the direction of a Board of Control, consisting of a representative of the Faculty and five young men chosen by the students who are in residence at the Hall.

Each suite of rooms is provided with bedstead, springs, mattress, table, chairs, book-rack, and commode.

The occupant or occupants of a suite must furnish the necessary towels, sheets, pillow-slips, and blankets or comforts, and meet the expense of laundering the same.

The charge is $1.00 per week for each of two occupants of a suite, and $1.75 per week for a single occupant.

Each applicant upon engaging a room shall make a deposit of $2.50 to secure a room and also to meet any damages that may be assessed against him. In case the room is not taken, the deposit will be returned, provided the due notice is given by August 15th. A deposit of 50 cents shall be made by each student for his room key, which amount will be refunded when the key is returned.

Old or new students who desire to room in the Hall during the next college year should apply at an early date to Albert P. Cook, Secretary, Alma, Mich.

Davis Field.

By the generosity of Charles H. Davis, Esq., of Saginaw, the College has been put in possession of an athletic field worthy of the donor and the College. The grounds, which are a part of the campus and not far from the Gymnasium, have been perfectly graded and drained, and are of ample extent for all athletic purposes. They are enclosed by a high board fence, and equipped with a foot-ball gridiron, a base-ball diamond, a quarter-mile cinder track, and a grand stand capable of seating 400 people. Recently, bleachers have been erected, water mains put in and two new tennis courts laid out; and with these additions and improvements "Davis Athletic Field" ranks with the best college fields in the middle-west.

Terms and Vacations.

Three terms comprise the college year.

A fall term of fourteen weeks, followed by the holiday vacation of two weeks.

A winter term of eleven weeks, followed by the summer vacation of twelve weeks.

For the purpose of instruction and examination, the year is divided into two semesters of eighteen weeks each.

For the dates of the opening and closing of terms and semesters, see Calendar at the beginning of this Catalogue.

Religious Exercises.

Young Men's and Young Women's Christian Associations have been maintained during the entire history of the College. The object of these Associations is to promote growth in grace and Christian fellowship among their members, and aggressive Christian work, not only by and for students, but in the whole community; to train young men and women for active Christian service, and to lead them to devote their lives to Jesus Christ. To this end Bible classes, Sunday schools, and a volunteer band for mission work are maintained. Union prayer meetings are held on Wednesday evenings and separate prayer meetings on Sunday afternoons. These are well sustained and productive of great good.

The Associations issue an annual hand-book which contains a large amount of information especially valuable to new students. On their arrival they are met, warmly welcomed, made to feel at home, and assisted in every possible way by representatives of these Associations.

Literary Societies.

Five literary societies are in active operation: The Zeta Sigma, Alpha Theta, and Phi Phi Alpha for College students: the Philomathean for Academy students, and the Froebel Club for members of the Kindergarten Department. The Zeta Sigma and Phi Phi Alpha are conducted by the young men; the Alpha Theta, Philomathean and Froebel Club, by the young women. The aim of these societies is the development of a correct literary taste and the power of precise and ready expression.

Oratory and Debate.

Alma College is a member of the Michigan Oratorical Association, which conducts two contests annually, one for men and one for women. The College also participates in two annual inter-collegiate debates. In 1909-1910 one debate was held with Olivet College and one with Hope College. The local Oratorical Association and Debating League take charge of all local and inter-collegiate contests.

The Phi Phi Alpha and the Zeta Sigma literary societies compete annually in debate. The winner of the contest holds a beautiful engraved cup until the time of the next contest. Three consecutive victories entitles the holder of the cup to permanent possession of it.

Aid for Students.

The interests of students of limited means are in charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose.

The children of home and foreign missionaries are granted scholarships, when regular students in College or Academy courses.

Students preparing for the ministry of the Presbyterian church can usually receive aid from the Board of Education to the amount of $100 per year.

A number of students can usually find employment in the city or in connection with the College. As a rule, no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

PERMANENT SCHOLARSHIPS.

To assist deserving young men and women who may need help in securing an education, generous friends of the College have endowed scholarships which, in general, yield an income of $30.00 per year, and this sum is applied on the regular tuition of those students to whom they may be assigned. At present we have thirty-six of these scholarships.

Name.	Donor.
Mrs. C. P. Colvin	Mr. C. P. Colvin, Saginaw
Thomas Merrill	Mr. Thomas Merrill, Saginaw
Memorial Presbyterian Church	Rev. D. M. Cooper, Detroit
Laurense	Mr. Leonard Laurense, Detroit
Martha P. Seeley	Mr. John F. Seeley, Caro

Harry G. Kelton	Mr. and Mrs. John M. Kelton, W. Bay City
Charles D. Chatfield	Mr. Clarence B. Chatfield, Bay City
Lucy Plum Mitchell	Prof. Jas. E. Mitchell, Alma
Louis Penoyer, Memorial	Mrs. Emeline Penoyer, Saginaw
Edith M. Davis	Mrs. Edith M. Davis, Saginaw
Alba A. Lull	Mr. Alba A. Lull, Pontiac
Martha B. Heartt	Mr. William A. Heartt, Caro
William A. Heartt, 4 scholarships	Mr. William A. Heartt, Caro
First Presbyterian Church, Saginaw	First Presbyterian Church, Saginaw
David M. Ladd, Memorial	U. P. and C. Church, Milford
Marian H. Plum	Mr. J. H. Plum, Indianapolis, Ind.
Helen Anderson Tanner	Mr. M. W. Tanner, Saginaw
Watson B. Robinson	Mr. James W. Robinson, Alma
Theodore D. Marsh	Rev. Theodore D. Marsh, D. D., Grand Rapids
Harriet Barton Wright, Memorial	Mrs. J. H. Lancashire, Alma
Margaret N. Thorburn	Mr. Jas. T. Thorburn, Detroit
John Cameron	Trumbull Ave. Presbyterian Church, Detroit
J. Ambrose Wight	First Presbyterian Church, Bay City
Katherine M. Inglis	Mr. Thomas Merrill, Saginaw
Brownell	Mrs. Mary E. D. Brownell's Estate, Detroit
William J. Rohlfs	Many Friends
Grace Church, Saginaw	Mr. Thomas Merrill, Saginaw
Francis King	Mr. Francis King, Alma
M. S. Smith	Mrs. Helen Smith Deming, Detroit
Hazel B. Garland	Mr. Arthur Garland, Howell
Nathan B. Bradley	Elmer E. and Fred W. Bradley, Bay City
Horace B. Silliman	Dr. Horace B. Silliman, Cohoes, N. Y.
John P. Cleveland	First Presbyterian Church, Detroit

ANNUAL SCHOLARSHIPS.

The following persons and churches have also contributed scholarships good for one year:

J. S. Farrand, Detroit.
S. J. Service, Detroit.
DeWitt H. Taylor, Detroit.
J. M. Thurber, Detroit.

F. L. Colby, Detroit.
W. P. Porter, East Jordan.
John W. S. Pierson, Stanton.
Mrs. Louisa Y. King, Alma.
Mrs. W. J. Rainey, Middletown, Ill.
Presbyterian Church at Albion
Presbyterian Church at Allegan.
Presbyterian Church at Alpena.
Presbyterian Church at Battle Creek.
Presbyterian Church at Boyne City.
Presbyterian Church at Buchanan.
Presbyterian Church at Croswell.
Presbyterian Church at Harbor Beach.
Presbyterian Church at Harbor Springs.
Presbyterian Church at McBain.
Presbyterian Church at Maple Ridge and Omer.
Presbyterian Church at Niles.
Presbyterian Church at Paw Paw.
Presbyterian Church at Pickford.
Presbyterian Church at St. Ignace.
Presbyterian Church at Stalwart.
Presbyterian Church at Sterlingville.
Presbyterian Church at Taymouth.
Immanuel Presbyterian Church, Grand Rapids.
Ladies' Missionary Society, Presbyterian Church, Jackson.
"Opportunity" S. S. Class, Presbyterian Church, Omena.
Warren Avenue Presbyterian Church, Saginaw.

These permanent and annual scholarships are offered to young people (men and women alike) upon these conditions:

(1) The student must have an average of 90 per cent. in the studies of the previous year; or:

(2) He must have stood at the head of his class.

(3) He must be a person of good moral character.

PRIZE.

Greek Prize. The income of the Justin Marsh Fund is hereafter to be awarded each year to the best scholar in New Testament Greek.

COLLEGE ALUMNI ASSOCIATION.

President	James Mitchell, '93
Vice-President	William Winton, '04
Recording Secretary	Wallace Webber, '03
Corresponding Secretary	Essy Hooper-Sidebotham, '03
Treasurer	Lucius S. Bagley, '03

The Association was formed by the class of '91. It has had a vigorous growth, and has come to be regarded as an important and influential College organization. Its regular meeting is held on the Wednesday of Commencement week, which has been designated as "Alumni Day."

ALUMNAE ASSOCIATION OF THE KINDERGARTEN TRAINING DEPARTMENT.

President	Miss Kate Carpenter, '93
Vice-President	Miss Harriet Soule, '03
Secretary and Treasurer	Miss Edna Swigart, '01

EXPENSES.

WRIGHT HALL.	
Board, $2.75 per week, for the year	$99 00
Room rent, one in a room, for the year	$36 00 to 72 00
PIONEER HALL.	
Room rent, one in a room, for the year	63 00
Room rent, two in a room, for the year, each	36 00
COLLEGE.	
Semester bill $16.00, for the year	32 00
ACADEMY.	
Semester bill $8.00, for the year	16 00
COMMERCIAL SCHOOL.	
Semester bill $10.00, for the year	20 00
Books and stationery, business course	$10.00 to 12 00
Books and stationery, short hand course, about	5 00
Typewriter fee, per semester	3 00
MUSIC SCHOOL.	
Pianoforte, Voice, Stringed Instruments, Pipe Organ, each—	

One 30-minute lesson a week, per semester	13 00
Two 30-minute lessons a week, per semestrr	23 00
Three 30-minute lessons a week, per semester	30 00
History of Music, per semester	5 00
Harmony, per semester	5 00
Public School Music, per semester	5 00
Pianoforte ensemble, per semester	5 00
Voice ensemble, per semester	5 00
Use of piano, one hour a day, per semester	4 00
Use of piano, two hours a day, per semester	6 00
Use of piano, three hours a day, per semester	8 00

ART SCHOOL.

Oil and China Painting, Water Colors and Crayon Drawing—	
Twenty-four hour lessons, per semester	12 00
Twelve lessons, per semester	8 00
Charcoal and Perspective Drawing—	
Twenty-four lessons	6 00
Twelve lessons	4 00
Single lessons not in course	75
Use of rooms and models three hours daily, per semester	3 00

Lessons are two and a half hours in length.

KINDERGARTEN TRAINING DEPARTMENT.

Semester bill $20.00, for the year	40 00
Books and material, for the year, about	9 00

ELOCUTION AND ORATORY.

Private Lessons—	
One 30-minute lesson a week, per semester	13 00
Two 30-minute lessons a week, per semester	23 00
Three 30-minute lessons a week, per semester	30 00

OTHER CHARGES.

Laboratory fee, Chemistry, per semester	5 00
Laboratory fee, Biology, per semester	3 00
Laboratory fee, Physics, per semester	2 00
Diploma fee	5 00
Certificate fee	1 00
Athletic fee, per semester	1 00

REMARKS.

Children of home and foreign missionaries are granted scholarships, when regular students in College or Academy.

An athletic fee of $1.00 per semester is required of all students not taking Art or Music exclusively.

There are no incidental fees and no other charges are made by the College in addition to those stated above.

Art and Music students are allowed to take Academic work to the extent of five hours a week without extra charge.

Tuition bills in all departments must be paid by the semester in advance, and board at Wright Hall and room rent at either dormitory by the month in advance.

In the College the regular expenses for the year are $160 to $190; in the Academy, $145 to $180; in the Kindergarten Department, $165 to $210; in the Commercial School, $145 to $180. These amounts can be largely reduced through various forms of self-help.

GENERAL PRINCIPLES OF CONDUCT FOR ALL.

(1) Respect yourself.

(2) Have regard for the rights of others.

(3) Do nothing which you would be unwilling to have your parents know.

FORM OF BEQUEST.

Item—I hereby give and devise to Alma College, situated in Alma, Gratiot County, Michigan, the sum of............... dollars.

THE REGISTER OF STUDENTS.

THE COLLEGE.

Candidate for Master's Degree in Mathematics and Chemistry.

RAYMOND G. SWIGART, '04.

UNDERGRADUATES.

Seniors.

Over one hundred credits.

Grace M. Brown, lit	Detroit
Byron Julius Chapel, sc	Parma
Maynard Albert Cook, cl	Alma
Harry Allen Craig, sc	Sault Ste. Marie
Lois Ludington Fraker, cl	Alma
Hazel Irene Fraser, cl	Alpena
Mark Leroy Marshall, cl	Marengo, Ill.
Theodore Nelson, phil	Ithaca
Stella Inez Pollard, lit	Elroy, Wis.
Edna Martha Swigart, phil	Alma
Harlow Olin Whittemore, sc	Tawas City

Juniors.

From sixty-five to one hundred credits.

Elsie Ethyl Bond, lit	Paris, Ill.
Edna Brown, kg	Sault Ste. Marie
Royal Roderick Campbell, cl	St. Ignace
Cass Chase, sp	Detroit
Myrtie Creaser, lit	Alma
Alexander Duncanson, sc	Cass City
John Major Dunham, sc	Alma
Stanley Anderson Graves, lit	Detroit
Charles A. McComb, sp	Gagetown
Frank B. McComb, sc	Gagetown
Allen McFadden, cl	Stanton
Agnes Rozena Redman, lit	Ithaca
Ethel Grace Springer, kg	Lansing
Helen Agnes Strange, kg	Grand Ledge

Sophomores.

From thirty-five to sixty-five credits.

Lulu Margaret Allen, sp	Milan
Adele Frost Bayly, phil	Mason
Hazel Stuart Blair, phil	Sault Ste. Marie
Mildred Mary Burns, phil	Monroe
Ethel Gertrude Carey, phil	Harbor Springs
Theron Chapel, sc	Parma
Hurd Allyn Drake, cl	Alma
Jean Isabel Dykes, phil	Iron Mountain
Foster A. Fraker, sc	Alma
Kathleen Isabel Gillard, phil	Alpena
Florence Lillian Hood, lit	Alma
Charles Stanley Johnson, cl	Palo
Leslie Philip Kefgen, sc	Cass City
Grace Lurella Kramer, kg	Elk Rapids
Grace McCord, kg	Benton Harbor
Adelbert H. Lindley, sc	Lupton
Harry Arthur Lyon, sp	Mason
Harry Widdecomb Marsh, lit	Grand Rapids
Winifred Markham, sp	Sault Ste. Marie
Francis Roy Phillips, sc	Shabbona
Mabel Ardis Reed, sc	Alma
Floyd Vernon Rix, sc	Oscoda
Bessie Seaver, phil	Ithaca
Isabel Stevens, phil	Saginaw
Robert Von Thurn, cl	St. Louis
Maud Alice Wyman, kg	Armada

Freshmen.

Madge Ableson, kg	Sault Ste. Marie
Harry John Aldrich, sc	Muir
Frank K. Bartholomew, cl	Pioneer
Eleanor Bittner, phil	Alma
Vinnie Cecile Booth, lit	Alma
Seymour Richard Boyd, lit	Tecumseh
Ruth Louise Bristol, kg	Hessell
Laura Alice Brown, lit	Alma
Clay Donald Call, phil	Petoskey

Robert Howard Cook, cl	Alma
Fred Clare Dickinson, lit	Tecumseh
Lena Maud Drake, kg	Armada
Lela Adelaide Duff, phil	St. Louis
Pearl Edna Eyer, phil	Alma
Wade Lawrence Frost, sc	Tecumseh
Avery L. Gaffield, lit	Stanton
Adrian B. Graham, lit	Croswell
Mary Edna Gorsline, lit	Howell
Selma O. Hahn, lit	Bay City
Charles Walter Hamilton, sc	Ithaca
Edith Violet Harper, kg	Edenville
James Hogg, cl	Alma
Ada Elizabeth Hobbs, lit	Minden City
Ruth Elizabeth Hovey, lit	Howell
David Inglis, sc	Bay City
Arden S. Johnson, sc	Hilliards
Cecil Harriet Krapf, phil	Cass City
Leon William Lauderbach, sc	Cass City
Lawrence C. Laughlin, lit	Harbor Beach
Frank Hugh Locker, cl	Alma
Wallace Webb McCall, sc	Ithaca
Frank McCurdy, sc	North Branch
Marion Emma McKinney, phil	Saginaw
Nina Martin, kg	Elk Rapids
Frances Irene Mason, lit	Blanchard
Hattie B. Mills, phil	Alma
Jessie Hazel Minchin, sc	Evart
Glen Montague, sc	Caro
Carrie Elizabeth Neilson, lit	Jackson
Ethel E. Northon, phil	Farwell
Irene N. Peasley, kg	Chicago
Mary Elizabeth Putnam, kg	Howell
Julia Nina Reed, sc	Howell
Carrie Louise Rowland, cl	Hesperia
Anna Myrtle Ryan, kg	Paris, Ill.
Nina Davida Shoecraft, lit	St. Louis
Ralph O. Von Thurn, cl	St. Louis
Roger LeBaron Waring, lit	Tecumseh

Freshman Specials and Partials.

Fred Horace Bennett	Iron Mountain
Mills R. Blackwood	South Lyon
Drayton Royal Blaske	Traverse City
Eugene Malcom Brown	Clinton
Harry Arthur Lyon	Mason
Harold Brown	Milford
Myra Carl	Alma
Hugh Raynard Carson	Parma
William I. Chamberlain	Carson City
Loretta Blanche Clum	Alma
John R. Clark	Sault Ste. Marie
Romaine Clark	Caro
Duncan Dearing	Elk Rapids
Blaine H. Hayes	Grand Rapids
Theodore Shirley Higbee	Marquette
Charles Stuart Hoben	Adrian
Robert Frank Hume	Morenci
Clarence Marshall Orser	St. Ignace
Channing W. Parsons	Alma
Jessie Potter	Alma

THE ACADEMY.

Frank J. Anderson, III	Omena
Paul H. Austin, I	Alma
Drayton Royal Blaske, sp	Traverse City
Norman H. Chase. sp	Flint
Percy Connell, III	Lupton
Ruth M. Cook, II	Alma
Sidney P. Cook, I	Alma
Fannie E. Cox, III	Logansport
Grace E. Crawford, I	Stalwart
Oscar C. Delbridge, I	New Lathrop
Elihu M. Ewing, I	Alma
William A. Ewing, III	Alma
Thor F. Gaines, sp	Detroit
Esther Halverson, I	Newberry
Lucile F. Hargrave, I	Palo

John L. Harper, II	Edenville
Arthur B. Henderson, sp	Detroit
Edna M. Henderson, I	Detroit
William A. Hooper, III	Alma
Emily M. Hooper, III	Alma
Charles H. Hunt, II	Grand Rapids
Gerald C. Hutton, II	Albion, N. Y.
Lora S. Kirby, sp	Alma
Resa D. Knox, I	Cadillac
Robert N. Lee, I	Alpena
Donald McLean, I	Alpena
Julian B. Marks, sp	Oscoda
Louise Mitchell, II	Harrisville
Oren D. Osborn, II	Elwell
Bernice P. Pollasky, I	Alma
Thomas A. Robinson, I	Alma
Sara M. Runnells, III	Alpena
Lydia Resseguie, III	Middleton
Herbert Smith, II	Roscommon
Charles P. Smith, III	Alma
Vernie C. Snell, II	Charlotte
Herbert T. Sockett, II	West Toronto, Can.
Lester Von Hhurn, III	St. Louis
Ifie F. Wyatt, III	Rudyard

I, Junior year; II, Middle year; III, Senior year.

THE COMMERCIAL SCHOOL.

Milton Adams, B	Fairgrove
H. L. Allen, S	Alma
Guy V. Baker, S. and B	Shepard
Harriet A. Baker. B	Alma
Harold Brown, S	Milford
Mabel Brainerd, S	Alma
Bonneviere Clark, S	Chicago Ill.
Romain Clark, S	Caro
Fred Chatfield, B	Bay City
Hugh Carson, T	Parma
N. H. Chase, T	Flint

Edna Day, S	Alma
Duncan Deering, B	Elk Rapids
E. M. Ewing, E	Alma
Trudie Fafty, B	Alma
Mrs. M. E. Francisco, B	Alma
Margaret J. Fredrick, S	Alma
Isabel Granger, S	Alma
Mabel L. Griffith, S	Alma
Avery Gaffield, T	Stanton
Harry Grover, B	Alma
Edna Henderson, E	Detroit
Hazel Holiday, S	Alma
Oliver Hole, S. and B	Mancelona
Lena Horner, B	Reed City
Fred Larrett, B	Alpena
Arden Johnson, T	Hilliards
Harry Lyon, T	Mason
Julian Marks, B	Oscoda
Don McDuff, B	Yale
Wallace McCall, T	Ithaca
Chas. McLaughlin, B	Elk Rapids
William Moody, B	Alma
Isabelle Mitchell, S. and B	Charlevoix
Bert Mills, S	Forest Hill
Chrissie McDonald, B	Alpena
Francis Roy Phillips, T	Shabbona
Lulu Ressiguie, S. and B	Middleton
Ernest Schuler, B	Elk Rapids
Ida Smith, E	Crystal Lake
Rowland C. Saxton, B	Alma
Jessie Turner, B	Vicksburg
Edward Titus, B	Alma
Laila Wilson, B	Clare
Harry Wiedenhoeft, B	Stanton
Carolyn A. Young, S	Alma

B—Business. S—Shorthand. T—Typewriting. E—Elective.

THE SCHOOL OF MUSIC.

Voice.

Frank J. Anderson	Omena
Madge Ableson	Sault Ste. Marie
Dora Alexander	St. Louis
Lulu M. Allen	Milan
Iva Amsbury	Standish
Theo. M. Amsbury	Elwell
Lucius S. Bagley	Alma
Hazel Bahlke	Alma
Bessie Brown	Deckerville
Seymour R. Boyd	Tecumseh
Irene E. Burton	Grayling
Loretta B. Clum	Alma
Helen B. Cook	Alma
Maynard A. Cook	Alma
Robert H. Cook	Alma
Hazel B. Crosby	Merrill
Edna L. Day	Alma
Katherine M. DeVries	Chcago, Ill.
Susan E. Fear	Morrice
Lois L. Fraker	Alma
Hazel I. Fraser	Alpena
Carmen L. Goll	Lake City
Wade L. Frost	Tecumseh
Adrain B. Graham	Croswell
James Hogg	Alma
Florence L. Hood	Alma
Robert F. Hume	Morenci
Helen L. Juhnston	Alma
Arden S. Johnson	Hilliards
Leslie P. Kefgen	Cass City
Claranelle Kelso	Manistique
Theresa P. Kirby	Marlette
Grace Laycock	Alma
Chrissie McDonald	Alpena
Mark L. Marshall	Marengo, Ill.
Grace Messinger	Alma

Hattie B. Mills	Alma
Anna Montigel	Alma
Francis R. Phillips	Shabbona
Inez Pollard	Elroy
Mabel A. Reed	Alma
Bessie Seaver	Ithaca
Ida L. Smith	Crystal
Leon C. Stinchcomb	Alma
Mrs. Maybelle Stinchcomb	Alma
Helen A. Strange	Grand Ledge
Mabelle G. Strong	Alma
Alma L. Vought	Alma
Roger L. Waring	Tecumseh
Fern F. Wooley	Elsie

Piano.

Madge Ableson	Sault Ste. Marie
Lulu M. Allen	Milan
Iva Amsbury	Standish
Theo. Amsbury	Elwell
Frank J. Anderson	Omena
Irene Arndt	Alma
Hazel Bahlke	Alma
May Barron	Alma
Elizabeth Bingham	Alma
Beulah Bryant	Riverdale
Bessie Brown	Deckerville
Irene E. Burton	Grayling
William I. Chamberlain	Carson City
Laurenta M. Cowdrey	Ithaca
Laura M. Crandell	North Star
Hazel B. Crosby	Merrill
Marjorie Delavan	Alma
Mrs. H. A. Drake	Alma
Susan E. Fear	Morrice
Ruth Halverson	Newberry
Lucile F. Hargrave	Palo
Edna M. Henderson	Detroit
Ada E. Hobbs	Minden City
Helen L. Johnston	Alma

Mrs. T. A. Johnston	Alma
Theresa P. Kirby	Marlette
Resa D. Knox	Cadillac
Grace L. Kramer	Elk Rapids
Lilah Lancashire	Alma
Gertrude Lewis	Ithaca
Grace McCord	Benton Harbor
Lydia J. Ressiguie	Middleton
Anna M. Ryan	Paris, Ill.
Hazel Satterlee	St. Louis
Ethel G. Springer	Lansing
Alma L. Vought	Alma
Helen L. Strange	Grand Ledge
Ernest F. Schuler	Elk Rapids
Bernice E. Walker	Alma
Laila A. Wilson	Clare
Maud A. Wyman	Armada
Mabel Winn	Alma
Hazel N. Zellner	Grand Rapids

Violin.

Howard Alverson	Ithaca
Donald Barden	Ithaca
Lucile Brown	Ithaca
Ralph Chisholm	Breckenridge
Esther Dunham	Alma
William Falor	Breckenridge
Marion Harrington	Ithaca
Ward Hodge	Breckenridge
Claranelle Kelso	Manistique
Cecil H. Krapf	Cass City
Mrs. George Latimer	Alma
William H. Leader	Ithaca
Roland Lincoln	North Star
Thelma McCall	Ithaca
Frances Mathews	Ithaca
Guy Milligan	Breckenridge
Waldo Meyer	Alma
Mrs. George Nooney	Breckenridge
Vincent Palmer	North Star

Mrs. Harry Parrish	Ithaca
Marjorie Roe	Breckenridge
Irene Sackett	Ithaca
William Searl	Ithaca
Elvie Vanse	Ithaca

Music Building.

Laura Amsbury	Alma
Robert Baker	Alma
Wilma Demuth	Alma
Florence De Planta	Alma
Esther Fink	Alma
Ruth Hooper	Alma
Earl Lee	Alma
Lucie Lee	Alma
Caroline Melchers	Alma
Myrtle Meyer	Alma
Adra Miller	Alma
Kenneth Montigel	Alma
Mina Montigel	Alma
Helen Parr	Alma
Ivah Perrigo	Forest Hill
Esther Rhodes	Alma
Helen Selby	North Star
Lela Shields	Alma
Letta Soper	Alma
Martha Windiate Tinker	Alma
Miriam Tinker	Alma
Bernard Wright	Alma

THE SCHOOL OF ART.

Miss T. Albertson	Alma
Adele F. Bayly	Mason
Vessie V. Breece	Alma
Bessie B. Brown	Deckerville
Mrs. Anna Brown	Mt. Pleasant
Edna I. Brown	Sault Ste. Marie
Grace M. Brown	Detroit

Mrs. E. E. Brown	Alma
Irene E. Burton	Grayling
Norman H. Chase	Flint
Mrs. Lyman Cohoon	Alma
Nellie Chisholm	Breckenridge
Grace E. Crawford	Stalwart
Mary O. Eddy	Alma
Pearl E. Eyer	Alma
Kathleen I. Gillard	Alpena
Carolyn Hastings	St. Louis
Edna M. Henderson	Detroit
Erika A. Hinze	St. Louis
Mrs. T. A. Johnston	Alma
Mrs. D. L. Johnson	Alma
Grace L. Kramer	Elk Rapids
Chrissie McDonald	Alpena
Mrs. H. J. Meyer	Alma
Mrs. F. N. Notestein	Alma
Beulah Parr	Alma
Lulu E. Ressiguie	Middleton
Florence B. Robinson	St. Louis
Nina Rogers	Ithaca
Sara May Runnells	Alpena
Juno M. Shepard	Alma
Gracia M. Smith	St. Louis
Ethel G. Springer	Lansing
Mrs. Anna Trapp	Alma
Jessie Turner	Vicksburg
Alma L. Vought	Alma

SUMMARY.

The College	118
The Academy	39
The Commercial School	46
The School of Music	127
The School of Art	36
	366
Counted more than once	73
Total from Sept. 15, 1908, to May 1, 1909	293
Total from May 1, 1908, to May 1, 1909	356

CONTRIBUTIONS.

From April 16, 1908, to April 15, 1909.

Synod's Endowment for the Chair of English Bible and Theism.

A friend of the College in 1902 promised to give $25,000.00 for the general endowment on condition that the Synod of Michigan should raise a like amount for the endowment of the Chair of English Bible and Theism.

To this fund during the current year there have been made contributions by the churches as follows:

Adrian	$16 00
Bay City—	
Covenant	50
Memorial	1 00
Beaverton	3 00
Blissfield	12 00
Brighton	4 25
Calumet	20 00
Caro	20 00
Detour	2 70
Detroit—	
Calvary	10 00
Memorial	2 00
Woodward Avenue	10 00
East Jordan	1 00
Elk Rapids	2 00
Emerson	5 30
Fairgrove	10 00
Flint	48 00
Flushing	3 00
Grand Rapids—	
Westminster	47 60
Harbor Springs	14 00
Howell	8 00
Iron Mountain	5 00
Lafayette 2d	76
Lake City	1 70
Lapeer	4 00
Marquette, S. S.	4 50
Mason	5 00
Menominee	20 00
Midland	5 29
Muir	4 00
Munger	7 18
Niles, C. E. Society	3 50
Plymouth	21 53
Saginaw, First	50 08
Tecumseh, Men's Class	10 00
Traverse City	1 00
Ypsilanti	15 00
Rev. William Cole, Brighton	5 00

ANNUAL SCHOLARSHIPS.

Individuals.

J. S. Farrand, Detroit, $60.00; S. J. Service, Detroit, $30.00; DeWitt H. Taylor, Detroit, $30.00; J. M. Thurber, Detroit, $30.00; W. P. Porter, East Jordan, $30.00; Mrs. Louisa Y. King, Alma, $30.00; Mrs. W. J. Rainey, Middletown, Ill., $35.00; John W. S. Pierson, Stanton, $30.00.

Churches.

Albion, $30.00; Allegan, $15.00; Alpena, $12.28; Battle Creek, $30.00; Boyne City, $30.00; Buchanan, $8.60; Croswell, $15.07; Grand Rapids, Immanuel, $15.00; Harbor Beach, $30.00; Harbor Springs, $2.49; Jackson Ladies Missionary Society, $30.00; McBain, $15.00; Maple Ridge, $12.62; Niles, $6.79; Omena, "Opportunity" S. S. Class, $15.00; Omer, $7.70; Paw Paw, $15.02; Pickford, $9.44; Saginaw, Warren Avenue, $15.00; St. Ignace, $30.00; Stalwart, $15.00; Sterlingville, $11.42; Taymouth, $20.45.

PERMANENT SCHOLARSHIPS.

Payments on Notes, Pledges, &c.

Mrs. Edith M. Davis, Saginaw, $500.00; Jas. T. Thorburn, Detroit, $500.00; First Presbyterian Church, Bay City, on J. Ambrose Wight Scholarship, $73.88; Mrs. Sophia Wight Leighton, Grand Marais, for same scholarship, $10.00; Trumbbull Avenue Church, Detroit, on the John Cameron Scholarship, $50.00; H. S. Rohlfs, Akron, for the William J. Rohlfs Scholarship, $25.00; First Presbyterian Church, Detroit, for the John P. Cleaveland Scholarship, $64.94; The Brownell Estate, balance of bequest, $23.47.

MISCELLANEOUS GIFTS.

Mr. Ammi W. Wright, Alma, for endowment, $40,000.00, Vocal Music, $225.00, Salaries of 1907-8, $2,000.00; Mr. Andrew Carnegie for endowment, $25,000.00; Charles H. Davis, Saginaw, balance on Davis Field Improvements, $500.00, for Gymnasium Apparatus, $119.78; Mrs. Wallace Craig Smith, Saginaw, Vocal Music, $225.00; Mr. John W. S. Pierson, Stanton, for library books and periodicals, $300.00; Mr. John H. Plum, Indianapolis, Ind., for endowment of the Lucy Plum Mitchell Library, $200.00, for books, $18.00; Rev. David Howell, Lansing, salaries 1907-8, $100.00; Mr. Willis T. Knowlton, Saginaw, salaries 1907-8, $100.00; Students for the "Students' Loan Fund," $27.00; Mr. John F. Seeley, Caro, for the Oratorical Association, $25.00; Mr. L. A. Sharp, for care of the Campus, $25.00;

On insurance premiums, $143.57; Mr. James W. Robinson, Alma, lumber for book stacks, $24.40; Mrs. J. H. Lancashire, Alma, for the Joseph W. Ewing Library, $10.00; Rev. A. J. Funnell, same object, $7.38; citizens of Alma, for the Lincoln Centennial Memorial, $30.00.

LIST OF ALUMNI.

Class of 1891.

Bernice Hunting, Mission Teacher.............Tripoli, Syria
Alfred Field Pratt........................Campbell, N. Y.
Bertha May Trask, Teacher........................Saginaw

Class of 1892.

Mrs. Mary Cook-Streng......2555 Magnolia Ave., Chicago, Ill.
Francis Wayland Eply, Prof. Physics and Chemistry, State Normal School ....Bellingham, Wash.
Mrs. Katherine Slater-Hubbard................Ashtabula, O.
Ralph C. Ely, Attorney......................Deming, N. M.

Class of 1893.

Charles E. Blanchard, Pastor Presbyterian Church....Pontiac
Mrs. Bessie McLean-Sherman...........White Plains, N. Y.
*H. A. Ransom ....Muir
James E. Mitchell, Prof. of History and Pol. Sci., Alma College .... Alma
*Mrs. Lucy Plum-Mitchell..............................Alma
Mrs. Josephine Hodges-Waldo ....Chambersburg, Pa.
Matie C. Hill ....Flint
Mary O. Hunting, Prof. of Latin, Simpson College...... ....Indianola, Ia.

Class of 1894.

Esther Hewitt Marsh, H. S. Teacher...........Grand Rapids
Frank Marsh ....Ann Arbor

Class of 1895.

Arthur L. Toner, Pastor Presbyterian Church....Elwood, Ind.
Ralph Flewelling, Pastor Harvard St. M. E. Church...... ....Cambridge, Mass.

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*Deceased.

Class of 1896.

Ambrose B. Wight, Prin. Talcott School........Chicago, Ill.
Louis S. Brooke. Pastor Presbyterian Church........Howell
Fred Fullerton, Supt. of Schools......................Howell
*Richard Sidebotham, Missionary................Fusan, Korea
Elizabeth Jones, Teacher ....Bismarck, N. D.
Winifred F. Heston, Medical Missionary, on furlough....
....East Jordan
Mrs. Clara Booth-McKee, 109 S. Grove Ave......Chicago, Ill.
Anna Girmus ....Tacoma, Wash.
Jos. T. Northon, Supt. of Schools....................Farwell
William Clark Marsh, with Macmillan Co......New York City

Class of 1897.

Mrs. Gratia Dunning-Brooks.................Berlin, Germany
Letta E. Burns, Normal Training School......New York City
A. John Van Page, Pastor Millard Ave. Pres. Church,
1142 S. Lawndale Ave..........................Chicago, Ill
Jacob Klasse ....Grand Rapids
Kendall P. Brooks, Postgraduate student.....Berlin, Germany

Class of 1898.

Birdsey Scott Bates, Pastor Pres. Church...Forest River, N. D.
Mrs. Frances Adams-Bates................Forest River, N. D.
Paul Hale Bruske, Editor..............................Detroit
James I Crane ....Brooklyn, Mich
Sherman Landon Divine, Pastor Woodward Ave. Pres.
Church .... Detroit
Elmer Eckard, M. D............................Peoria, Ill.
Maurice Grigsby, Pastor Pres. Church..............Paw Paw
William Henry Long, Pastor Pres. Church.........Ludington
Franklin Warren McCabe.....................Pasadena, Cal.
Mertha Peters, Teacher ....Covina, Cal.
Charles Ernest Scott, Missionary.............Shantung, China
John Bartlett Stevens, Pastor Pres. Church..Phillipsburg, Mont.

Class of 1899.

Mrs. Maud Bishop-Clark......................Harbor Springs
*Frances Thorne-Booth.............................. Alma

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*Deceased.

Weston T. Johnson, Missionary (on furlough)........Detroit
Harry Erastus Porter, Pastor Pres. Church........Beverly, O.

Class of 1900.

Jacob C. Foote, Prof. of English, State Normal School,
.... Bloomsberg, Pa.
George A. Hill, Pastor and Evangelist..........Minot, N. D.
David Magaw, Farmer ....Gooding
Mrs. Mary W. Plum-Bruske........................Detroit
George Basil Randels, State Normal School..Valley City, N. D.

Class of 1901.

Henry P. Bush, Jr., County Commissioner of Schools....Caro
Carolyn R. Butler................758 W. 67th St., Chicago, Ill.
Winifred F. Carl, Prin. of High School...........Wyandotte
Donald S. Carmichael, Pastor Pres. Church..Dandridge, Tenn.
Annabelle Chisholm, Teacher................Missoula, Mont.
Amos R. Eastman, Business ....Howell
Daisy L. Hard, County Commissioner of Schools........
.... Colville, Wash.
Harry E. Reed, Teacher..........................Bay City
Watson B. Robinson, Attorney..55 Liberty St., New York City
Charles W. Sidebotham, Pastor Pres. Church........Brooklyn
Winifred G. Trapp, Teacher..........................Alma

Class of 1902.

Wesley Bradfield, Department of Forestry..Washington, D. C.
William E. Brock, Mining Engineer........Parral, Chih., Mex.
John N. Booth..............................Springfield, Ill.
William J. Ewing, Pastor Pres. Church.............Fairgrove
Egbert E. Fell, Supt. of Schools.........................Caro
Agnes Hope ....St. Johns
Alice Rebecca Marsh, Sec. Y. W. C. A...............Saginaw

Class of 1903.

Lucius S. Bagley, Bank Cashier.................Morris, Okla.
William Ray Baker, Commercial Teacher........Davenport, Ia.
John Y. Brook, Pastor Dutch Reformed Church..Plainfield, N. J.
Margaret Fitzpatrick, Teacher........................Stanton

*Pearl Fuller, Mining Chemist and Engineer....Virginia, Minn.
Pauline Hazelton Gorrel......................Winnemac, Ind.
Arthur J. Helmer, Prin. of High School...........Holland
Sadie Messinger, Music Teacher.......................Alma
Myrtle Ione Nicholson.........................Manistique
Hugh Norman Ronald, Pastor Pres. Church........Plymouth
John S. Shiner, Commercial Traveler..................Alma
Mrs. Essy Hooper-Sidebotham.....................Brooklyn
Henry H. Soule, Business.............................Alma
Laura B. Soule, Mission Teacher.................Harlan, Ky.
Margaret K. Taylor.................................Marlette
T. George Timby, Mining Chemist ....Joplin, Mo.
Wallace F. Webber, Business........1202 Beaubien St., Detroit
Alice B. Thompson, Teacher..402 W. 52d. St., Los Angeles, Cal.

Class of 1904.

J. Wirt Dunning, Pastor Pres. Church.............Tecumseh
Frank R. Hurst, Field Worker, Alma College......Tecumseh
Mrs. Bertha Higbee-Hurst........................Tecumseh
James L. McBride, Pastor Second Pres. Church..Duluth, Minn.
Leora M. Morton, Teacher...........................Howell
Mrs. Elizabeth Schmidt-Randels...........Valley City, N. D.
Mrs. Kate Bair-Ronald...........................Plymouth
Martin J. Stormzand, Editor..................Grand Rapids
Mrs. Nellie C. Stringham-Hart.................Philadelphia
Raymond G. Swigart, Science Teacher...........Mt. Pleasant
*Herbert A. Wilcox...................................Alma
William Winton, Jr., Life Insurance.................Detroit

Class of 1905.

Levi J. Butler, Mining Engineer..............Virginia, Minn.
*Orson Charles Chapman ....Holt
Carolyn L. Hastings...............................St. Louis
David A. Johnson, Pastor Pres. Church..........Marengo, Ia.
James Norman King, Princeton Seminary....Princeton, N. J.
Leola Linda Lauderbach, Prin. High School........Reed City
Louise Townley Strange, Sec. Y. W. C. A..........Peoria, Ill.
Jerome Earl Webber, McCormick Seminary.........Chicago

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*Deceased.

Class of 1906.

William Skinner Cooper, University of Chicago....Chicago, Ill.
Lillian Crandell, Teacher........................Vermontville
Harold Garfield Gaunt, Princeton Seminary....Princeton, N. J.
Elizabeth Anne Hunt, Teacher..........................Caro
Beryl Kefgen, Teacher ....Milan
Howard Potter, Supt. of Schools.................East Tawas
Fred Judson Soule, Union Theo. Seminary..........New York

Class of 1907.

Paul J. Allured, Princeton Seminary..........Princeton, N. J.
Gretta Bagley, Teacher ....Manistique
Erle H. Casterlin, Insular Normal School..........Porto Rico
Mayme Hayes ....Grand Rapids
Susie L. Hawes, Y. W. C. A. Sec'y..........Milwaukee, Wis.
Minnie Kinnaird ....Cass City
Olive J. Smith, Teacher ....Alma

Class of 1908.

Harry J. Bastone, Teacher of Mathematics, High School..
.... Cheboygan
Francis W. Cobb, Teacher ....Pomeroy, Wash.
Edith L. Cook, Student in Library School......Cleveland, O.
Helen B. Cook, Librarian Alma College................Alma
Robert Craig, Jr., Student in Forestry, U. of M.....Ann Arbor
Harry W. Helmer, Athletic Director Y. M. C. A......Cadillac
Elvena G. Hoover, Teacher ....Ovid
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Herman N. Morse, Union Theo. Seminary..........New York
Gladys Nelson, Teacher ....East Tawas
Ruth O. Pierson, Student in Inst. of Technology..Boston, Mass.
Ralph E. Raycraft, Prin. of Academy......North Chili, N. Y.
Lester W. Sharp, Student in Johns Hopkins University....
....Baltimore, Md.
George D. Sutton, Supt. of School.................Kingston

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OF THE
UNIVERSITY OF ILLINOIS

Volume 7 Number 1

ALMA COLLEGE BULLETIN

CATALOGUE NUMBER

1909-1910

ALMA, MICHIGAN.

PUBLISHED BY THE COLLEGE FOUR TIMES A YEAR,
IN FEBRUARY, MAY, AUGUST AND NOVEMBER

FEBRUARY, 1910.

CATALOGUE

...OF...

ALMA COLLEGE

FOR THE YEAR 1909-1910

WITH ANNOUNCEMENTS FOR THE YEAR

1910-1911

ALMA, MICHIGAN.

Published by
THE COLLEGE.

Entered April 20, 1904, at Alma, Mich., as second-class matter,
under Act of Congress of July 16, 1894.

CALENDAR.

1910.			
April	5	Tuesday	Third Term begins.
June	3	Friday	Freshman Exhibition.
June	6	Monday	Final Examinations begin.
June	12	Sunday	Address before Christian Associations, 3:00 p. m. Baccalaureate Sermon, 7:30 p. m.
June	13	Monday	**CLASS-DAY—** Class-Day Exercises, 3:00 p. m. Graduating Exercises of the Commercial School, 8:00 p. m.
June	14	Tuesday	Closing Exercises of the Kindergarten Department, 10:00 a. m. Annual Concert, 8:00 p. m.
June	15	Wednesday	**ALUMNI DAY—** Graduating Exercises of the Academy, 10:00 a. m. Public Exercises of the Alumni Association, 3:00 p. m. College Prayer Meeting, 7:00 p. m. Senior Promenade, 8:00 p. m. President's Reception, 8 to 10 p. m.
June	16	Thursday	**COMMENCEMENT**, 10:00 a. m. Commencement Banquet, 1:00 p. m.

SUMMER VACATION.

Sept.	13	Tuesday	Matriculation.
Sept.	14	Wednesday	First Term begins.
Nov.	24	Thursday	Thanksgiving Day Recess.
Dec.	21	Wednesday	First Term ends.

WINTER VACATION.

1911.			
Jan.	4	Wednesday	Second Term begins.
Jan.	21	Friday	Rhetorical Exhibition.
Jan.	28	Friday	Rhetorical Exhibition.
Jan.	30	Monday	Semi-Annual Examinations begin.
Feb.	3	Friday	**FIRST SEMESTER** ends.
Feb.	6	Monday	**SECOND SEMESTER** begins.
Feb.	9	Thursday	Day of Prayer for Colleges.
Feb.	21	Tuesday	Mid-year Meeting of Board of Trustees.
Mar.	22	Wednesday	Second Term ends.

SPRING VACATION.

April	5	Wednesday	Third Term begins.
June	2	Friday	Freshman Exhibition.
June	15	Thursday	**COMMENCEMENT.**

C
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IN NOMINE DEI, AMEN.

"Resolved, That in view of all the facts brought before us, we will, with God's help, establish and endow a college within our bounds."

—Synod of Michigan, Grand Rapids, Oct. 14. 1886.

The Corporation.

TRUSTEES.

Class of 1910—

Alexander McPherson, Detroit.
James R. Wylie, Grand Rapids.
Francis Hood, Pentoga.
Sarah H. Lancashire, Alma.
Leonard Laurense, Detroit.

Class of 1911—

Willis T. Knowlton, Saginaw.
Rev. James M. Barkley, D. D., Detroit.
Thomas Merrill, Saginaw.
Charles H. Davis, Saginaw.

Class 1912—

Edgar A. Bagley, M. D., Alma.
*John M. Kelton, Bay City.
John F. Seeley, Caro.
John H. Plum, Milwaukee, Wis.
Lester A. Sharp, Alma.

Class of 1913—

Clarence B. Chatfield, Bay City.
Rev. Theodore D. Marsh, D. D., Grand Rapids.
Rev. David Howell, Lansing.
Robert S. Tracy, Sturgis.
John W. S. Pierson, Stanton.

---

*Deceased.

OFFICERS OF THE BOARD OF TRUSTEES.

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James R. Wylie, Chairman; Willis T. Knowlton, Treasurer;
Albert P. Cook, Secretary and Assistant Treasurer.

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Library, Museum and Apparatus—John W. S. Pierson, Francis Hood.

Curriculum—Rev. James M. Barkley, D. D., Rev. Theodore D. Marsh, D. D.

Faculty, Instructors, Morals and Discipline—Rev. David Howell, Edgar A. Bagley, M. D.

Diplomas and Honorary Degrees—Rev. Theodore D. Marsh, D. D., Alexander McPherson.

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Rev. Sherman L. Divine, Detroit.

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President, and Thomas Merrill Professor of Philosophy and Religion.
801 West Superior Street.

JOHN T. EWING, A. M.,

Alexander Folsom Professor of Greek and Latin.
315 Grant Avenue.

JAMES E. MITCHELL, A. M.,

Ammi W. Wright Professor of History and Political Science
412 Maple Avenue.

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Ammi W. Wright Professor of Mathematics and Physics, and Dean of the Faculty.
231 Philadelphia Avenue.

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525 West Superior Street.

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Wright Hall.

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Wells Professor of French and German.
Wright Hall.

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Wright-Davis Professor of Chemistry, and Secretary of the Faculty.
220 Maple Avenue.

HANSFORD M. MacCURDY, Ph. D.,

Nathan B. Bradley Professor of Biology and Geology.
714 State Street.

ALBERT P. COOK, A. M.,

Principal of the Academy, and Instructor in Pedagogy.
611 West Center Street.

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Mary C. Gelston Professor of English Speech.
309 Grant Avenue.

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Wright Hall.

CAROLEEN ROBINSON,

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Wright Hall.

BESS LOU FARLEY,

Model Kindergartner.
Wright Hall.

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Diploma from the Royal Conservatory, Dresden.
301 Grant Avenue.

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Wright Hall.

MINNIE M. CHEESMAN,

Instructor in Piano and Music Building, and Normal Methods.
413 Wright Avenue.

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Instructor in Violin.
213 Grant Avenue.

LEORA JOHNSTON,

Instructor in History of Music and Voice Culture.
200 Grant Avenue.

GEORGE T. CHURCHILL,
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419 Grant Avenue.

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Wright Hall.

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Wright Hall.

EDGAR A. BAGLEY, M. D.,
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630 State Street.

ESTHER M. BRUSKE.
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Instructor in German.
801 West Superior Street.

IRA T. CARRITHERS, A. B.,
Director of Physical Training for Men,
Instructor in History.
Pioneer Hall.

ERNEST M. SEBRING,
Instructor in Physics.
526 West Superior Street.

STANDING COMMITTEES OF THE FACULTY.

Admission—Professor Ewing, President Bruske, Professor West.
Aid to Students—President Bruske, Professors Ewing and Cook.
Appointments—Professors Mitchell, MacCurdy and Miss Robinson.
Athletics—Professors Mitchell, MacCurdy and Haughawout, Miss Bruske, Mr. Carrithers.
Buildings and Grounds—Professors Cook, Notestein, MacCurdy, and Miss Booth.
Commencement Exercises—President Bruske and the Principals of Schools.

Curriculum—Professor Ewing, President Bruske, Professors Adams, Mullenbach, West.

Degrees—President Bruske, Professors Clizbe and Notestein.

Discipline—President Bruske, Professors Notestein, Cook, Haughawout.

Graduate Work—Professors MacCurdy, Ewing, Haughawout, Mullenbach.

Library, Museum, Apparatus—Professors Ewing, Mitchell, West, MacCurdy, Mullenbach.

Pioneer Hall—Professors Mitchell, Carrithers, Cook, Notestein.

Publications—President Bruske, Professors Ewing, Cook, Mitchell.

Religious Exercises—President Bruske, Professors Clizbe and Notestein.

Teachers—President Bruske, Professors Notestein and Haughawout.

OTHER OFFICERS.

ALBERT P. COOK, Secretary.

JOHN T. EWING, Registrar. HELEN B. COOK, Librarian.

FRANK R. HURST, Field Secretary.

Alma College.

ORGANIZATION.

Alma College embraces six divisions: The College, The School
of Pedagogy, The Academy, The Commercial
School, The School of Music, and
the School of Art.

THE COLLEGE.

THE TERMS OF ADMISSION.

The unit of credit for preparatory work is a daily recitation for a school year. Fifteen such units are required for unconditioned entrance to the Freshman Class, as follows: English, three units; Mathematics, three units; History, one unit; Science, one unit; Foreign Language, four units, of which two must be Latin; Electives, three units.

Candidates who are deficient in not more than two of the required fifteen units may be admitted conditionally to the Freshman Class, but the condition must be removed before work in majors is undertaken.

STATEMENT OF REQUIREMENTS.

English—

1. Grammar and Composition. One unit.
2. Rhetoric and Composition. One unit.
3. English and American Classics. One unit.

For Reading.—1. The candidate will be required to present evidence of a general knowledge of the subject matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of the topic is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of a test, the candidate may present an exercise book, properly certified by his instructor, containing composition or other written work done in connection with the reading of the books.

The books set for this part of the examination are:

1909, 1910, 1911. George Eliot's Silas Marner; Bunyan's The Pilgrim's Progress; The Sir Roger de Coverly Papers; Scott's Ivanhoe, and Lady of the Lake; Shakespeare's Merchant of Venice, and Julius Caesar; Tennyson's Gareth and Lynette, Launcelot and Elaine, and the Passing of Arthur; Irving's Sketch Book; Franklin's Autobiography; Macaulay's Lays of Ancient Rome; Hawthorne's The House of the Seven Gables; Dickens' A Tale of Two Cities.

For Study.—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form and structure.

1909, 1910, 1911. Shakespeare's Macbeth; Burke's Speech on Conciliation with America, or Washington's Farewell Address; Webster's First Bunker Hill Oration; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Latin—

1. Latin Lessons, including thorough drill in declensions and conjunctions and the essential rules of syntax, and easy reading. One unit.

2. Four books of Caesar's Commentaries on the Gallic War, or an equivalent. One unit.

3. Six orations of Cicero, or an equivalent. One unit.

4. The first six books of Vergil's Aeneid; or I-IV, with 1,500 lines of Ovid, or an equivalent. One unit.

5. Translation at sight of passages of prose and verse and work in composition based upon the prescribed prose read in class.

Greek—

1. Greek Lessons, including thorough drill in inflections and the fundamental rules of syntax. Xenophon's Anabasis, Book I. One unit.

2. Xenophon's Anabasis, two books, with prose composition. Homer's Odyssey, two books. One unit.

German—

1. Elementary Grammar; German Reader, Glueck Auf; Immensee. One unit.

2. Grammar Review; Wilhelm Tell and Die Journalisten, or equivalents. One unit.

French—

1. Rudiments of French Grammar. Reading of easy prose. One unit.

2. Review of Grammar. Reading, composition, and colloquial practice. One unit.

History—

1. General History. One unit.
2. (a) Grecian History. One-half unit.
   (b) Roman History. One-half unit.
3. (a) United States History. One-half unit.
   (b) Civics. One-half unit.
4. Advanced United States History. One unit.

Mathematics—

1. Algebra, Factors, common divisors and multiples, equations of the first degree with one or more unknown quantities, involution, including the binomial theorem for positive entire exponents, evolution, the doctrine of exponents, radicals and equations involving radicals, quadratic equations of one and two unknown quantities, ratio and proportion, arithmetical and geometrical progressions. One and one-half units.

2. Geometry. Plane, solid and spherical geometry, including the solution of simple original exercises and numerical problems. One and one-half units.

Science—

1. Physics. The equivalent of Carhart and Chute's High School Physics, together with an approved laboratory course of not less than forty experiments actually performed at school by the candidate. One unit.

2. Botany. The equivalent of Bergen's Foundations or Stevens' Introduction to Botany, together with an approved laboratory course involving the detailed examination of not less than forty plants. One unit.

3. Chemistry. The non-metallic elements, as usually given in high school text-books, together with an approved laboratory course of not less than forty experiments actually performed by the candidate, as given in Remsen's or Williams' Laboratory Manual. One unit.

4. Zoology. A course of laboratory and field work in this subject as treated in such text-books as Jordan or Davenport. A note-book should be kept and presented at entrance. One unit.

5. Physiography. One-half year's work in this subject as treated in Tarr's or Davis' text-books. One-half unit.

6. Elementary Geology. Laboratory and field work. One-half unit.

METHODS OF ADMISSION.

I. By Examination.

Examinations for admission will be held on Tuesday, September 13, 1910, beginning at 9 o'clock a. m. The entrance examinations are designed to test the ability of the candidate to undertake the course of study, and not merely to ascertain the character and amount of his acquired knowledge.

II. By Certificate.

Examinations will be waived in the case of applicants who present certificates of graduation from the Academy of Alma College, or from any accredited high school having equivalent courses. Applicants from accredited high schools must send or present in person a full statement by the proper persons of the work done in each study. Blank forms for this purpose may be obtained on application to the Registrar. **An examination in any or all of the subjects for examination outlined on pages nine to twelve will be required of applicants from accredited schools who are not provided with such certificates.**

Candidates for advanced standing will be examined on the subjects previously studied by the classes they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismission and also careful statements, duly verified, of the studies pursued and the credits received therein.

III. Partial Courses.

Students desiring to pursue partial courses in the College **must meet the requirements for admission to one or other of the College courses of study, either upon examination or certificate.** In laying out their work, they are expected to consult with the instructors in charge of the subjects they wish to pursue, and they will be subject to the same regulations as to College requirements, number of hours of work, etc., as other students. They will not be regarded as candidates for a degree. A certificate setting forth the amount of work which has been done will be given any such student as requests it.

THE REQUIREMENTS FOR GRADUATION.

The standard unit of credit used in estimating college work is one recitation period a week for one semester, or one "semester-hour." In laboratory courses a two-hour period is considered equal to a one-hour recitation period. One hundred and twenty semester hours are required for graduation, making the average requirement per semester fifteen recitation periods a week. The recitation period is 55 minutes in length.

The subjects comprised in the college course of instruction are arranged in groups, each of which contains (a) certain subjects required of all students, (b) two major subjects, (c) general electives, the choice of which is unrestricted.

'a). The required subjects are the following: English, six hours; Mathematics, eight hours; History, six hours; Laboratory Science, six hours; Philosophy, six hours; Bible and Theism, seven hours; Elocution, two hours; Physical Training, two hours; Foreign Language, sixteen hours.

(b). In order to secure to the student the advantage of intensive work, he is required at the proper time to choose two subjects in which he must secure a total credit of forty hours. Ordinarily, this special work should be done in the Junior and Senior years and certain prerequisite courses must be taken in the first two years of the course. A thesis on a theme approved by the instructor is also required.

(c) The remainder of the one hundred and twenty hours may be elected from any of the departments of instruction of the college proper. The following subjects may be elected, with due regard to the limitation imposed by the program of recitations:

Art.
Astronomy.
Biology.
Chemistry.
English.
French.
German.
Geology.
Greek.
History.
Latin.
Mathematics.
Music.
Political Economy.
Pedagogy.
Oratory.
Philosophy.
Physics.

The groups from which the choice of major subjects for 1910-1911 may be made are given below:

I. Ancient Languages.
II. History—Economics.
III. English—Modern Language.
IV. English—Latin.
V. History—Latin.
VI. Oratory—English.
VII. Mathematics—Laboratory Science.
VIII. Chemistry—Biology.

The degree of A. B. will be given to those students who complete Group I; that of Ph. B., to those who complete any one of Groups II-VI, and that of B. S., to those who complete Group VII or VIII.

The Bachelor's degree will not be conferred upon a student unless he has been in residence at least a year..

Freshman Year.

For the convenience of the student in the selection of his studies, the work of the Freshman year is here presented in group form:

I.		II.		III.	
English	3	English	3	English	3
Latin	4	Latin	4	Latin	4
Greek	4	History	3	French	4
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

IV.		V.		VI.	
English	3	English	3	English	3
French	4	French	4	French	4
History	3	Chemistry	3	Biology	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

Groups I, II, III, presuppose four years of preparatory Latin; Groups II-VI, two years of preparatory German; Groups IV-VI, two years of preparatory Latin.

Sophomore Year.

In the work of the Sophomore year must be included a second year in each foreign language taken and two hours of Bible, and the student is advised to include the required History and Science, if these have not been taken. The rest of his work may be made up of general electives or majors.

PREPARATION FOR PROFESSIONAL WORK.

Through the grouping system Alma College offers the student increased facilities for shaping his vocational preparation, while it requires at the same time the broad basis of knowledge and training which is so essential to real success in all lines of activity.

Law—The student who expects to enter upon the study of the law should do his major work in the History-Economics group or the History-Latin group, with electives in Philosophy and Sociology.

Medicine—The Chemistry-Biology group offers lines of major and elective work which are especially useful in preparation for the study of medicine. These departments are well equipped with facilities for laboratory work under competent instruction, and offer a wide range of courses to pre-medical students.

Engineering—Students expecting to become engineers should do major work in the Mathematics-Laboratory Science group, which offers a number of courses in the mathematics, sciences and modern languages that form a fundamental part of all engineering courses.

Teaching—The College makes especial provision for the needs of prospective teachers, (a) in its pedagogical courses, (b) in its special courses in the methods of teaching specific subjects, (c) in its offer of a State teacher's certificate to those who meet the requirements of the pedagogical course. The student who expects to teach a particular subject should choose it as one of his majors

Christian Work—For the training of young people who desire to enter upon any form of Christian work, such as the ministry, Bible teaching, Y. M. C. A. and Y. W. C. A. work, church work, missionary work, etc., the College offers a year course in Bible study and kindred subjects. The course is made up in part from the regular work of the Academy and the College, and in part of lectures and classes in special subjects. The outline of this course is as follows:

Academy.

First Semester.		Second Semester.	
Middle Year—Old Test.	2	Junior Year—Bible Geography	2
Senior Year—History of the Jews	2		

President's Room.

Greek and Latin Room.

College.

Biblical Literature	2	Biblical Literature	2
Theism	3	Logic	3
Biblical Theology	2	Ethics	3
English	3	Elocution	2
History of the Bible	2	English	3
College Elective	3	Biblical Pedagogy	2
		College Elective	3

Lectures on Evangelism, Y. M. C. A. work, etc.

Certain of the subjects in this course may be elected by regular College students.

THE COURSES OF INSTRUCTION.

GREEK LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Lysias and Xenophon**—Review of the grammar and drill in advanced prose composition. Four hours a week, first semester.

2. **Homer**—Books I-III of the Iliad, with a careful study of forms and prosody; topical study of the Homeric Age, Greek Mythology. Four hours a week, second semester.

3. **Greek History**—Review of Greek History with selections from Herodotus, Thucydides, and Xenophon's Hellenica. Four hours a week, first semester.

4. **The Drama.**—Reading of selected plays; study of the development of Greek dramatic art, topical study of the theatre and scenic representations. Four hours a week, second semester.

5. **Plato**—The life and character of Socrates; readings from the Apology, Crito and Phaedo; outlines of Greek philosophy. Three hours a week, first semester. (1910-1911.)

6. **New Testament Greek**—Study of the peculiarities of Hellenistic Greek; rapid reading of selected books. Three hours a week, second semester. (1910-1911.)

7. **Greek Private Life**—Study of social life and customs; collateral reading and discussion of special themes. Three hours a week, first semester. (1911-1912.)

8. **Theocritus and Lucian**—Studies in the later literature. Three hours a week, second semester. (1911-1912.)

9. **The Greek in English**—Intended especially for scientific students. Three hours a week throughout the year.

LATIN LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Cicero, De Senectute.** Word analysis and inflections; selections from Ennius, Catullus, Lucretius, Vergil's Eclogues, Sallust; Roman Literature of the Republic. Four hours a week, first semester.

2. **Livy,** Book XXI; Review of Syntax; a play of Plautus or Terence; Topography of Ancient Rome. Four hours a week, second semester.

3. **Horace.** Odes and selections from Epodes, Satires and Epistles; Roman Literature of the Augustan Age. Three hours a week, first semester.

4. **Pliny's Letters;** Selections from Martial, Tacitus, and Suetonius; Roman Literature of the Empire. Three hours a week, second semester.

5. **Roman Drama—**Plautus, Terence, Seneca. Three hours a week, first semester.

6. **Roman Philosophy**—Lucretius, Cicero, Seneca. Three hours a week, second semester.

7. **Roman Satire**—Horace, Persius, Juvenal. Three hours a week, first semester. (1910-1911.)

8. **Roman Lyric Poetry**—Catullus, Tibullus, Propertius. Three hours a week, second semester. (1910-1911.)

9. **The Latin Language.** Open only to students who take Latin as a major study. A thorough study of the sounds, inflections and syntax. Three hours a week throughout the year.

ENGLISH LANGUAGE AND LITERATURE.

MARGARET E. HAUGHAWOUT, Professor.

1. **Introduction to Study of English Literature.** Daily papers; constructive English; study of specimens of forms of discourse; Browning's shorter poems; Genung's Rhetoric in third term. Three hours a week throughout the year. Required of Freshmen.

2. **Anglo-Saxon.** Grammar, reading of Beowulf. Three hours a week throughout the year.

3. **Chaucer and Spenser.** Two hours a week throughout the year. (1910-1911.)

4. **Shakespeare.** Reading of all plays. Three hours a week throughout the year. (1910-1911.)

5. **Minor Elizabethan Dramatists.** Open to those who have had courses 2, 3 and 4. Three hours a week throughout year. (1911-1912.)

6. **Milton.** Two hours a week, first semester. (1911-1912.)

7. **Eighteenth Century Prose.** Addison, Swift and Steele. Two hours a week throughout year. (1912-1913.)

8. **Rise of the Novel.** Defoe, Richardson, Fielding, Smollett, Sterne. Two hours a week throughout year. (1911-1912.)

9. **Nineteenth Century Prose.** Carlyle, Emerson, Arnold, Ruskin. Two hours a week throughout year. (1912-1913.)

10. **Nineteenth Century Poetry.** Wordsworth, Coleridge, Keats, Byron, Shelley. Three hours a week throughout the year. (1910-1911.)

11. **Browning's Dramas.** Two hours a week throughout the year. (1912-1913.)

12. **Tennyson.** Two hours a week, second semester. (1911-1912.)

HISTORY.

JAMES E. MITCHELL, Professor.

1. **European History,** from the Fall of the Roman Empire in the West to the Protestant Revolution. Three hours a week, first semester.

2. European History, from the Protestant Revolution to the present time. Three hours a week, second semester.

3. The Renaissance and Reformation. Open to those who have taken courses 1 and 2. Three hours a week, first semester.

4. The French Revolution and its Antecedents. Open to those who have taken Courses 1 and 2. Three hours a week, second semester.

.. **5. The History of Europe since the Congress of Vienna, 1815.** Open to those who have taken Courses 1 and 2. Three hours a week throughout the year.

6. History of England. Political and Constitutional. Three hours a week throughout the year.

7. American History (1763-1815). An advanced course in which the student is given training in independent investigation and historical criticism. Three hours a week, first semester.

8. United States History (1815-1858). This course has to do with the great questions which agitated the public mind during this period. Three hours a week, second semester.

9. The United States During the Civil War and Reconstruction. Three hours a week, second semester.

ENGLISH SPEECH.

JOHN Q. ADAMS, Professor.

The work in English speech begins with the second semester of the Freshman year and may continue unbroken throughout the college course. The instruction offered is intended to be sane, practical and progressive. Opportunities for public appearances are provided through special chapel exercises, the rhetorical exhibition, and the inter-society and inter-collegiate contests in debate and oratory.

1. Practical Elocution. A study of the philosophy of public speaking, the training of voice and body, exercises in declamation. This course, or its equivalent, must precede all other courses in the department. Two hours a week, second semester.

2. **Debating.** Alden's Art of Debate, supplemented by debates by members of the class. Three hours a week, first semester.

3. **Advanced Debating.** A continuation of Course 2, by which it must be preceded. Three hours a week, second semester.

4. **Oratory.** History of American Oratory, principles of oratorical composition, study of masterpieces, composition and delivery of orations. Special attention is paid to the eulogy and the popular address. Three hours a week, first semester.

5. **Oratory.** A continuation of Course 4, by which it must be preceded. History of English Oratory, study of masterpieces, composition and delivery of orations. Special attention is paid to forensic and after-dinner speeches. Three hours a week, second semester. (Not offered in 1910-1911.)

6. **Shakespearean Drama.** Critical study of three of Shakespeare's plays. Presentation of selected scenes. Three hours a week, first semester.

7. **Extemporization.** Principles of extemporization. Delivery of descriptions, narrations, expositions, arguments, speeches of introduction and after-dinner addresses. Two hours a week, second semester. Required of Seniors.

8. **Interpretation of American Poetry.** A study of the writings of our leading poets. Students will memorize and deliver assigned selections and present essays on designated topics. Three hours a week, second semester. (Not offered in 1910-1911.)

9. **Interpretation of English Poetry.** The memorization and delivery of selected poems; the presentation of a critical paper; drills in oral reading. Three hours a week, second semester.

10. **Platform Reading.** The preparation and public recital of an evening's program by each member of the class. The program may consist of miscellaneous readings, a lecture-recital, the monologuing of a standard drama or the dramatization of a standard novel. Two hours a week, first semester.

Courses 1 and 7 are required of all regular students; the others are elective.

MATHEMATICS.

FRANK N. NOTESTEIN, Professor.

1. College Algebra. This course includes Logarithms, Progressions, Binomial Theorem, Undertermined Co-efficients, Series and the Solution of Higher Equations. Four hours a week, first semester.

2. Plane and Spherical Trigonometry. In this course special attention is given to the functions of angles, the transformation of trigonometric expressions. Napier's rules of circular parts, the solution of problems and the application of Spherical Trigonometry to Astronomy. Four hours a week, second semester.

3. Analytical Geometry.

(a) This course deals with the straight line, and the conic sections. Three hours a week, first semester.

(b) Deals with higher plane curves, the general equation of the second degree and geometry of three dimensions. Three hours a week, second semester.

The object of these courses is to familiarize the student with the methods of analytical reasoning.

4. Surveying. This is an elementary course open to students who have taken Courses 1 and 2. Three hours a week, with field work during the spring term. Second semester.

5. (a) Differential Calculus. Course (a) includes a study of the rules and formulae for differentiation, expansion of functions, indeterminate forms, application of the calculus to curves, maxima and minima. Five hours a week, first semester.

(b) Integral Calculus. This course includes a study of the Methods of Integration, the application of integral calculus to curves, areas, volume, moment of inertia, pressure, etc. Five hours a week, second semester.

6. An Advanced Course. Selected to suit the needs of the class; open to students who have taken Courses 5a and 5b. Five hours a week throughout the year.

7. Analytical Mechanics.

(a) This course treats of the fundamental principles of Mechanics, the composition and resolution of forces, center of mass friction, virtual velocity, machines, attraction, rectilinear and curvilinear motion. Five hours a week, first semester.

Treats of the laws of motion, central forces, vis viva, impact, work and energy, moment of inertia, rotary motion, motion of a system of rigid bodies in space. Five hours a week, second semester.

Courses 1 and 2 are required of all candidates for a degree; Courses 3 to 7 are elective.

PHYSICS.

FRANK N. NOTESTEIN, Professor.

1. Mechanics, Acoustics and Optics. This course treats of the fundamental principles of mechanics, sound and light and includes a study of physical measurements, machines, the laws of motion, friction, work and energy, gravitation, the properties of solids, liquids and gases, wave motion, nature and propagation of light, reflection and refraction of light, photometry and illumination, the phenomena of color and wave length, nature of elastic bodies, forced vibrations and resonance, properties of musical sounds, laws of vibrating strings and wind instruments, with laboratory work. Three hours a week, first semester.

2. Heat and Electricity. The object of this course is to familiarize the student with the fundamental principles and laws of heat, magnetism and electricity. It includes a study of the nature of heat-effects, sources of heat-energy, mechanical equivalent, specific heat, molecular changes, transformation of heat energy, the general properties of magnets and magnetic fields, terrestrial magnetism, static electricity, general properties of electric changes, electric potential and induction, electric conduction, electric measurements, electric appliances, electricity harnessed, with laboratory work. Three hours a week, second semester.

3. An Advanced Course in Mechanics, Sound and Light. Open to students who have completed Course 1. It includes a study of the properties and conservation of matter, kinematics, sound sensation, tones and noises, the physical theory of music, architectural acoustics, dispersion of light and spectrum analysis, polarization and double refraction, with laboratory work. Three times a week, first semester.

4. An advanced course in Heat and Electricity. Open to students who have completed Courses 1, 2 and 3. It embraces a study of the kinetic theory of matter, thermodynamics, calorimetry, the liquifaction and solidification of gases, radio-activity, electric statics, electro kinetics, thermo electricity, electro-magnetic mechanics, determination of electric constants, with laboratory work. Three hours a week, second semester.

CHEMISTRY.

FRANCIS E. WEST, Professor.

1. Advanced Inorganic Chemistry and Qualitative Analysis. Two laboratory periods and one recitation a week. This course must be preceded by the course in General Inorganic Chemistry as given in the Fourth year of the Academy, or its equivalent. The first part of the course will deal with some of the more advanced problems of inorganic chemistry, and will serve as an introduction to the qualitative work. The course includes the identification and separation of the various elements of compounds based upon the theory of ionization and dissociation. Texts, Morgan's Qualitive Analysis and West's Laboratory Outlines. First semester.

2. Advanced Qualitative Analysis. Two laboratory periods and one recitation a week. This course is a continuation of Course 2, and besides the compounds analyzed in Course 2, the student now analyzes more complex commercial and natural products by both the wet and the dry methods. Texts, Getman's Elements of Blowpipe Analysis, in addition to those in Course 2. Second semester.

Chemistry Labratory.

3. Quantitative Analysis. Two laboratory periods and one recitation a week. Quantitative determinations are made of chemical compounds, ores and soils. Accuracy and neatness in work are among the objects sought. The work is largely in the laboratory with reference reading and quizzes. This course is given as an elective to those who have had Course 2. Text, Ladd's Quantitative Manual. First semester.

4. Organic Chemistry, Aliphatic Compounds. Two laboratory periods and one recitation a week. Study of the text, lectures and laboratory work making synthetic preparations such as ethers, ethyl bromide, acetal chloride, methyl amine, etc. Text, Perkin and Kipping's Organic Chemistry and Cohen's Practical Organic Chemistry. First semester.

5. Organic Chemistry, Aromatic Compounds. Two laboratory periods and one recitation a week. Laboratory work in preparing such aromatic compounds as nitrobenzine, phenyl bromide, sulphanilic acid, aniline, and malachite green; and work with the carbohydrates, including methods for identifying and determining the amount of starch, sugar, cellulose, organic acids, etc., in various vegetable products. Also, some work in the analysis of various foods. Texts, Perkin and Kipping's Organic Chemistry, and Sherman's Organic Analysis. Second semester.

6. Quantitative and Volumetric Analysis. Three laboratory periods a week. This course deals with more complex substances than Course 4, such as alloys and minerals. Volumetric methods are used for a greater part of the work. Mostly laboratory work with reference reading and quizzes. Second semester.

7. Industrial Chemistry. A lecture course,with reference work, which will deal with chemistry in its relation to the various industries. Two hours a week, first semester.

8. Iron Ore Analysis. This is strictly a technical course and may be taken by students who have completed Courses 1 to 4, inclusive. It is planned to meet the wants of students who desire to work in the chemical laboratories of iron mining companies. The same methods are used as are in use in the best iron laboratories of Michigan and Minnesota. Short but accurate methods are used for making determinations of the amount of iron, phosphorus, sulphur, aluminum, silica, lime, and manganese present in ores. Mostly laboratory work with reference reading. Quiz once a week. Three periods of two hours each per week. Second semester.

Courses 1, 2, 3, 4, 5, will be given when elected by three or more students; the work in the other courses is largely individual work and may be elected by anyone who is prepared to take the work.

Courses 1, 2; 3, 6; 4, 5, taken together, are each year courses.

Course 7 may be elected by students who have had the first five courses.

Course 8 may be elected by students who have had courses 1, 2, 3, 6.

BIOLOGY.

HANSFORD M. MacCURDY, Professor.

The courses in this department are designed to meet the needs of those students who are seeking a general culture and of those who wish a more special training in preparation for the work of teaching, for work in forestry, and for the study of medicine. The courses consist of laboratory work, field studies, lectures and quizzes. A judicious use of text and reference books is a part of the work. The museum is an excellent source of materials for illustration.

1 and 2. General Biology. The work in general biology is designed to give the student a knowledge of the general principles of biology developed from the study of typical forms of plants and animals. It also lays the foundation for more advanced work and helps to a better understanding of life phenomena and the literature which deals with biological subjects. In addition to the general principles, emphasis is laid on the methods of observation and the interpretation of biological phenomena. The course is open to all College students. Two laboratory periods and one recitation a week throughout the year.

3. Morphology and General Physiology of Plants. This course includes a study of plant forms and their development, the development and relationships of the different members of the plant body, plant cells and cell structures, plant tissues and their development and functions. Emphasis is laid on the interrelations of structure and function. Such texts as Strasburger, Vines, Stevens, Zimmermann's Microtechnique, and others are at hand. Two laboratory periods and one recitation a week. First semester.

4. Ecological and Forest Botany. The study of the biological relations of plants, their adaptions and the chief factors determining plant distribution and associations is followed by a more special study of typical forest trees, their distribution, conditions of growth and economic importance Two laboratory periods and one recitation a week, with special readings and reports. Second semester.

5. Field Zoology. This work includes both field and laboratory studies. It includes the study of functional and structural adaptations, variation, distribution and classification, together with the consideration of the biological and economic relations of the important groups and species. The laboratory work includes the study of adaptive structures and functions of typical forms. Two laboratory periods and one recitation a week. First semester.

6. Histology. The general and some of the more special methods of histology are put to practical use in the study of the finer structures and the functions of the various organs, tissues and cells. The recitations and lectures include comparative studies of the structure and function of the chief tissues and organs. For example, the comparative study of the nervous tissues affords a good foundation for the study of Psychology. Two laboratory hours and one recitation a week. First semester.

7. Comparative Anatomy. A comparative study of the anatomy of typical vertebrated animals is taken up with special reference to human anatomy. The drawings are made from dissections. A brief study of the finer structure of the various tissues is included. This course is of special importance to those who may expect to pursue the study of medicine, or who may wish the training for teaching, but it is open to any student who has had Courses 1 and 2, or their equivalent. Two laboratory periods and one recitation a week. Second Semester.

8. Organic Evolution, or Theories of Development. A two-hour elective course is offered in the study of the theories of evolution and the principles of heredity. The evidences for and against the theories are alike considered. Students applying for this course should have had general biology. Second semester.

GEOLOGY.

HANSFORD M. MacCURDY, Professor.

This course is planned to give a general knowledge of geology by a study of the geological changes of the present and by presenting the chief facts and theories. A fair knowledge of dynamic, structural, and historical geology is sought, attention being given to the geology of the North American continent and the geological history of Michigan. A good collection of minerals, rocks and fossils is available for laboratory work. The course includes the use of a manual, lectures, selected readings, laboratory work and field studies. Three hours a week. Two semesters.

ASTRONOMY.

FRANK N. NOTESTEIN, Professor.

The aim of this course is to give the student a general knowledge of descriptive and mathematical astronomy. The instruction is based upon the use of a text-book, supplemented by lectures. Some time is given to the study of the heavens to enable the student to become acquainted with the names and positions of the principal stars and constellations. Three hours a week. Second semester.

GERMAN.

JANE MULLENBACH, Professor.

1. **Easy Reading in Nineteenth Century Prose.** The class will be conducted in German. Short compositions based on the text will be assigned once a week. This course is required of all third year students. Three hours a week, second semester.

2. **Continuation of Course 1.** Three hours a week, second semester.

3. **Schiller's "Wilhelm Tell." "Hermann und Dorothea." "Egmont."** The class work will be in German as far as possible. Literary criticism and exposition will be given by the instructor. This course will be required of all fourth year students. Three hours a week, first semester.

4. **Continuation of Course 3.** Three hours a week, second semester.

4b. **Dippold's Scientific German Reader.** This course is offered to students in the sciences who have had two years of German.

5. **Schiller. Thomas' Life of Schiller for study and reading.** Die Braut von Messina. Translation and criticism. Die Geschichte des Dreizigjaehrigen Krieges, Book III. Three hours a week, second semester. (1909-1910).

6. **Course 5 Continued.** Translation of Wallenstein with literary criticism. Three hours a week, second semester.

7. **Goethe. Iphigenie.** Translation with critical study. Two hours a week, first semester. (1910-1911).

8. **Faust.** Translation with critical study. Two hours a week, second semester. (1910-1911).

9. **The Modern German Drama.** Grillparzer. Hauptmann. Sudermann. Two hours a week, first semester. (1911-1912).

10. **Continuation of Course 9.** Two hours a week, second semester.

11. **Lessing. Hamburgische Dramaturgie.** Translation with critical study. Two hours a week, first semester. (1912-1913.)

12. **Lessing. Lackoon.** Translation with critical study. Two hours a week, second semester. (1912-1913).

13-14. History of German Literature. Text—Kuno Franke's "Social Forces in German Literature." One hour throughout the year. (1910-1911).

FRENCH.

JANE MULLENBACH, Professor.

1. Fraser and Squair's French Grammar. Guerber's Contes et Legendes. Four hours a week, first semester.

2. French Grammar — Part II. Malot's Sans Famille. Four hours a week, second semester.

3. Prose Composition. Translation of Feuillet's Jeune Homme Pauvre. Outside reading, Merimee's Colomba. Four hours a week, first semester.

4. Prose Composition. Hugo's Quatre-Vingt-Trieze. Loti's Pecheur D'Islande. Sight reading—Selections from Guy de Maupassant. Four hours a week, second semester.

5. Moliere. Le Misanthrope. Tartuffe. Le Medicin Malgre Lui. Three hours a week, first semester. (1910-1911).

6. Rostand's Cyrano de Bergerac. Three hours a week, second semester. (1910-1911).

7. Hugo's Les Miserables. Three hours a week, second semester. (1912-1913).

8. Balzac's Le Pere Goriot. Three hours a week, second semester. (1912-1913).

9. History of French Literature., with special attention to the Classical Period. Prescribed readings: Corneille's Le Cid. Racine's Athalie. Three hours a week, first semester. (1911-1912).

10. History of French Literature continued. Reaction and Rise of Romanticism. The Naturalistic School of the Nineteenth Century; Readings; Sands, La Mare au Diable; Balzac, Cinq Scenes de la Comedie Humaine; Zola's La Dabacle. Three hours a week, second semester. (1911-1912).

PHILOSOPHY.

AUGUST F. BRUSKE, Professor.

1. General Psychology. An introductory course, the aim of which is to study the facts and processes of the mind from the biological standpoint. Three hours a week, first semester.

2. Logic. The principles of deductive and inductive reasoning are studied. The laws of thought and forms of argument are carefully explained and applied in the detection of fallacies in reasoning. Three hours a week, second semester.

3. Ethics. A discussion of the moral basis of human conduct with the application of the principles deduced to the problems of life. Three hours a week, second semester.

4. History of Philosophy. An outline study of the various schools of philosophical thought from the Greeks to the present day. Three hours a week, first semester.

POLITICAL SCIENCE.

JAMES E. MITCHELL, Professor.

The term Political Science, as here used, includes Economics, Government, International Law and Sociology. The aim is to give to students pursuing these studies such knowledge and training as is believed to be a part of a liberal education. An effort is made to inculcate independent, unbiased, scientific habits of thinking, and thus make the study of practical value to those about to enter active life as citizens.

Economics.

1. Principles of Economics. This course is designed to cover the more important portions of the general field of Economics. The student is expected to assimilate the general principles of the subject and be able to apply them to the discussion of practical questions. An excellent library of Economics, containing all the important treaties in English on the subject, is at hand, and students are required to use it freely. Three hours a week, second semester.

2. Economic History. This course has to do chiefly with the industrial development of England and the United States. It may properly precede or supplement the course in the principles of Economics. Offered in 1911-1912 and alternate years thereafter. Three hours a week, first semester.

3. Money and Banking. A discussion of the theory and history of money and banking with special reference to the United States. The gold standard; bimetallism; fiat money; our present currency, with proposed changes; functions of a bank; first United States Bank; second United States Bank; our present national banking system; our state banks; the Bank of England; Bank of France; Reischsbank of Germany, are some of the subjects considered. Offered in 1910-1911 and alternate years thereafter. Three hours a week, first semester.

Government.

1. American Government. An analysis of the nature, structure and working of the Federal Government; the three departments and their relation to each other; a comparison with the English system; political parties, their uses and abuses; public opinion and its influence, are among the subjects discussed. Bryce's American Commonwealth serves as a basis for study, but the student is directed to other sources of information. Offered in 1910-1911 and alternate years thereafter. Three hours a week, first semester.

2. The English Government. A study of the English government as it exists today. The crown; cabinet, ministry, executive departments; treasury; house of commons, its procedure and relation to the cabinet; house of lords, its relation to the cabinet; political parties; the Church; education; the courts of law, and the colonies are some of the subjects discussed. Lowell's Government of England is used as a text. A good knowledge of English history is a necessary prerequisite of this course. Offered in 1911-1912 and alternate years thereafter. Three hours a week throughout the year.

3. Comparative Constitutional Government. A comparative study of the Governments of England, France, Germany, and the United States. Burgess' work is relied on chiefly for this course, though frequent reference is made to other writers,

Reading Room.

Hood Museum Interior.

principally Willoughby and Wilson. Offered in 1911-1912 and alternate years thereafter. Three hours a week throughout the year.

Corporations. A study of modern industrial combinations, their history in the United States from the pool to the trust and holding company. Typical cases are studied and principles deduced therefrom. Greene's Corporation Finance and Ripley's Trusts, Pools and Corporations are used as textbooks. Offered in 1910-1911 and alternate years thereafter. Three hours a week, second semester.

International Law. This subject is studied topically with the use of Snow's cases, and with the works of Hall, Bluntschli, Halleck, Walker, Lawrence and Woolsey for reference. Offered in alternate years. Three hours a week, second semester.

Principles of Sociology. An advanced general course. It includes an analysis and classification of social facts; discussion of the principles of social theory and the process of socialization; study of social feeling, public opinion, and organized action; an inquiry into the causes of emotional epidemics, panics, mob violence, revolutions; an explanation of the growth of public opinion on great questions; an attempt to show from history and current events that public action is governed by definite laws of social change. Giddings' Principles of Sociology is used as a text. Three hours a week, second semester.

THE BIBLE AND THEISM.

The PRESIDENT and Professor CLIZBE.

Since the religious faculties are the highest and noblest, their training has been given the place of first importance. The instruction here given is in the broadest sense Christian. Nothing of a sectarian character is admitted. The purpose is to build up intelligent Christian manhood. We believe that this is the greatest need of our time.

The following semester courses are offered:

1. **The Life of Christ**; in which the student will be expected to master the Journeys and Events of Christ's life in their order. Two hours a week, first semester.

2. **The Founding and Extension of the Christian Church.** Two hours a week, second semester.

3. **Natural Theology and Evidences of Christianity.** Three hours a week, first semester

PEDAGOGICS.

ALBERT P. COOK, Instructor.

Instruction in Pedagogics is offered to Juniors and Seniors in accordance with an Act of the Legislature of Michigan authorizing the State Board of Education to grant a teacher's certificate without examination, to any person who has received a Bachelor's, Master's or Doctor's degree from any college in this state having a course of study actually taught in such college of not less than four years, in addition to the preparatory work necessary for admission to Michigan University, and including a course in the Science and Art of Teaching of at least one college year of five and one-half hours per week.

This course embraces professional work in Applied Psychology, History of Education, School Law, School Systems, special methods in common branches, including the Kindergarten; a critical examination of the Reports of the Committees of Ten, Twelve and Fifteen, and the organization and management of schools.

Graduates from any of the college courses who complete this course of professional work will be recommended by the Faculty to the State Board of Education for a teacher's certificate, which will enable them to teach in the public schools of Michigan without further examination.

The following courses are offered:

1. **History of Education.** Two hours a week.

2. **School Management.** Two hours a week.

3. Child Study and the Theory of Kindergarten. One hour a week.

4. Psychology, Applied. Two hours a week, first semester.

5. Principles and Methods of Teaching. Two hours a week, second semester.

6. School Law and School Systems, including a study of the school systems of at least five of the states, and of Germany, France and England. Two hours a week, second semester.

7. A Course of Lectures on the Organization and Management of Schools. Five essays on educational topics are required of each student during the course. A course of collateral reading is also required.

Courses 1, 2 and 3 will be given in 1910-1911.

Opportunity is given to visit the various departments of graded schools to observe the methods of teaching. A written report of these observations is presented by each visitor to the class for discussion.

PHYSICAL TRAINING FOR WOMEN.

ESTHER M. BRUSKE, Instructor.

In recognition of the importance of developing the body as well as the mind, the College is giving each year more attention to the systematic physical development of its students.

The regular class work is required of every student, and its aim is to correct, develop, and maintain the physical powers of the individual.

The classes meet three times a week, Monday, Wednesday and Friday, and one hour's credit is given for satisfactory work done. This work consists of marching tactics, floor work (dumb-bells or wands), apparatus work (horse, ladders, parallel bars, or springboard jumping), and a game. All students taking the work are expected to wear the regulation suit which consists of a blouse and bloomers made of black material, preferably brilliantine.

With the complete set of measuring instruments, purchased and donated recently by a friend of the College, it is possible now to measure and examine each girl thoroughly. This examination is made when the pupil arrives, and exercises are prescribed by the instructor to correct any irregularity or weakness in development noted at the time. In the spring the measurements are taken again so that the pupil and instructor may see the result of the winter's work.

Aside from the required work, various sports and games are encouraged in season. During the winter a regular schedule of class basket-ball games is played to decide the class championship of the College. In the spring and fall months special attention is given to tennis and outdoor sports. The regular tournament deciding the College tennis championship is held in May.

Instruction is given in Fencing, Indian Clubs, etc., outside of the class, to those interested in these subjects.

A special class in rhythm work is provided for and required of students in the Vocal Music Department. This class recites once a week, and is a preparation for movement work in the Opera.

PHYSICAL TRAINING FOR MEN.

IRA T. CARRITHERS, Instructor.

Special attention is given to the health and physical welfare of the men of the College. In order to perfect this, physical training work has been put on a credit basis; two hours credit being required of each student before graduation.

During the spring and fall months, out-door work is emphasized through competition for positions on the various teams, namely, baseball, football, track, tennis and cross country running. These teams are open to all and everyone is urged to take part in some one of them.

Regular work on these teams makes toward the required athletic credit.

During the winter months, from November 1st to April 1st, regular gymnasium practice is required of all Freshmen and Sophomores.

This work consists of two hours class work each week, regular class periods being scheduled for this purpose, this being equal to one hour's credit.

The work is divided into two grades, that for Freshmen consisting of marching, calisthenic work (both free hand, dumb bells, Indian club and wand drills), and also the simpler apparatus work on the horse, the bars and the ladders. The second year men and those judged by the instructor to be more proficient in that line of work are given more advanced work in calisthenics and heavy apparatus work, and are in turn given practice in leading the other classes.

The work is planned so that every man will be engaged during a part of his college year in some form of athletics.

While the emphasis is not so much on the production of expert athletic teams, as upon the general participation in some form of athletics of all the men of the College, the teams that represent Alma in contests with other Colleges rank high among those of the Colleges of the Michigan Intercollegiate Association.

An athletic fee is required of each student, which gives him the use of a private locker and all the privileges of the field and gymnasium, and also admits him free to all athletic contests.

Students who are below grade in more than three hours work cannot compete in any intercollegiate contest, and students who are below in more than two courses must drop out of all athletic teams until their work has been made up.

Soon after the student enters he will be subjected to a careful physical examination and measurements. Exercises in the gymnasium will then be prescribed appropriate for his needs.

THE SCHOOL OF PEDAGOGY.

INSTRUCTORS.

ALBERT P. COOK,
Pedagogics.

CAROLEEN ROBINSON,
Principal of Training Department.

BESS LOU FARLEY,
Model Kindergartner.

JAMES E. MITCHELL,
Sociology and Psychology.

HANSFORD M. MacCURDY,
Biology.

KATE L. BOOTH,
Drawing.

MARGARET E. HAUGHAWOUT,
English.

MRS. JOSEPHINE ST. JOHN,
Voice.

GRACE D. ROBERTS,
Piano.

JAY CLIZBE,
English Bible.

I. OBJECTS AND ADVANTAGES.

The importance of an adequate preparation for the profession of teaching has led to the unifying of the work of pedagogical instruction in this institution under the title of the School of Pedagogy. The school is divided into three departments, viz: Pedagogics, Kindergarten Training and Normal Instruction, each of which is independent of the others, and yet has certain points of contact with them. Through this correlation the student secures very substantial advantages in the stimulus that comes from contact with workers whose aims are similar to his own, and in the clear view it gives him of the place that his own work occupies in the field of educational effort.

All the rich opportunities for culture that a thoroughly equipped college affords may be utilized here by the members of this school. Among these may be mentioned classes in drawing and vocal music, lectures on special and general topics, a fine library whose pedagogical section is especially rich in the latest works on pedagogy, a reading room on whose tables are found the foremost periodicals of a professional character, and well equipped laboratories for special work in science. A perusal of this catalogue should convince the most skeptical that a course of training for teaching which is pursued in such an environment has the promise of most valuable results both in general culture and in special fitness for the work of training the young.

A committee of the Faculty has special charge of securing positions for graduates of the school, and every effort is made to be of assistance to them in this matter.

II. DEPARTMENTS AND COURSES OF INSTRUCTION.

PEDAGOGICS.

The courses in this department are offered to the members of the Junior and Senior classes in the College. For the description of the work see page 34.

The Founder's Room.

The Kindergarten Room.

KINDERGARTEN TRAINING.

Purpose.

The young woman of the twentieth century has a double problem to face, namely, that of educating herself to be an efficient member of society, thoroughly equipped to meet the demands of our present day civilization as a home maker, and also to meet the possible need of self-support.

The question which arises is, What line of work can a girl pursue which will meet the double problem with the maximum benefit to the individual and society and require the minimum amount of adjustment when she takes up the work of home-making?

The kindergarten training offers one of the best means of solving this double problem, for it develops the young woman along the broadest cultural lines, and at the same time gives her an ability to meet the economic problems of her life. The Kindergarten is already well established as an integral part of the school system of this state and the demand for trained teachers increases each year.

Requirements for Admission.

A diploma of graduation from a four years' English or Scientific course of High School grade or its equivalent.

The student must be at least eighteen years of age. She must have good health, patience, adaptability, willingness to work, and some knowledge of music. An ability to play and sing greatly enhances the pupil's chance of successful work, and should be acquired before graduation.

Requirements for Graduation.

A student must have completed three years of theoretical and practical work to the entire satisfaction of the faculty. Upon completion of three years of work and demonstration of the pupil's ability to direct a kindergarten, the College confers its diploma which carries the degree of Ped. B.

At the end of the second year of satisfactory work, a State Life Certificate is given. The work done in the first two years of this course offers an experience parallel to that of the best two year training schools in this country. The recognition given by the state in conferring its certificate at the end of the first two years points to its equality with the courses offered in the State Normal Schools. The work of this course is so arranged that those completing the three years are given College credits, which enables them to take the degree of B. S. upon completion of a fourth year of work.

A well-equipped modern kindergarten under the direction of an experienced teacher affords students an opportunity for practical experience in the work, under careful supervision.

Special Features.

1. College work with regular professors.
2. Special lectures by members of the college faculty and other educators of note.
3. Practice under the supervision of expert teachers.
4. The broadening and cultural effect of college life.
5. The experience of dormitory life, which gives the young woman actual knowledge of community life with its adjustment of the individual to life as a whole.
6. Work in the music and art departments at a nominal added expense.
7. Certain studies with college professors in the regular college course, entitling the students to recognized college credits for work completed.
8. Special attention to individual needs.
9. Practical as well as theoretical child study.
10. A Literarv Society organized with the approval of the faculty is conducted by the student body. It is known as the Froebel Club, and its aim is the development of correct literary expression and an assurance of manner, poise and confidence in addressing the public.

NORMAL INSTRUCTION.

This department offers a course of four years which, in addition to the academic work, includes professional instruction in History of Education, School Organization and Management, School Law and School Systems, Child Study and Theory of the Kindergarten. The instruction is thorough, comprehensive and practical. and gives ample preparation for securing a First Grade Certificate.

Students who furnish certificates of academic work done elsewhere may be admitted to advanced standing, and thus be able to complete the course in less than the prescribed time. A certificate will be given to those who finish the work of this department.

III. OUTLINES OF THE COURSES OF STUDY.

PEDAGOGICS COURSE.

Junior Year.

First Semester.		Second Semester.	
History of Education	2	School Management	2
Vocal Music	1	Child Study and Theory of Kindergarten	1
Drawing	1	Vocal Music	1

Senior Year.

First Semester.		Second Semester.	
Applied Psychology	2	School Law and School Systems	2
Principles and Methods of Teaching	2	Course of Lectures on Organization and Management of Schools	1

As supplementary to the course of study, four essays, a thesis and a course of reading on educational topics are required.

KINDERGARTEN TRAINING COURSE.

Freshman Year.

First Semester		Second Semester.	
Biology	3	Biology	3
English	3	English	3
Bible	2	Music	2
Music	2	Gift Work	2
Kindergarten Theory	3	Occupation	2
Gift Work	2	Theory	3
Occupation	2	Ethics	1
Ethics	1	Games	1
Gymnastics	2	Gymnastics	1

Sophomore Year.

First Semester		Second Semester.	
Gift Work	2	Biology	2
Occupation	2	Gift Work	2
History of Education	2	Occupation	2
Theory	2	History of Education	2
Teaching	6	Theory	2
Mother Play	1	Teaching	6
Psychology	2	Mother Play	1
Electives	3	Child Study	2
Gymnastics	2	Songs and games	1
		Electives	3

Junior Year.

First Semester		Second Semester.	
Pedagogy	1	School Management	2
Education of Man	1	Pedagogy	1
Mother Play	1	Education of Man	1
History of Architecture	1	Mother Play	1
Hand Work	2	Hand Work	2
Theory	7	Theory	7
Electives	6	Electives	6

The morning is spent in Kindergarten and Primary, teaching under supervision.

Senior Year.

First Semester		Second Semester.	
Theism	2	School Systems and Laws	2
Principles of Sociology	3	Ethics	2
Psychology	3	Electives	10
Pedagogical Lectures	1		
Electives	6		

THE ACADEMY.

INSTRUCTORS.

ALBERT P. COOK,
Principal.

JAY CLIZBE,
English Bible.

ELOISE WARING,
Latin and Greek.

ESTHER BRUSKE,
German.

FRANCIS E. WEST,
Chemistry.

MARY O. EDDY,
Mathematics and English.

HANSFORD M. MacCURDY,
Botany and Zoology.

JOHN Q. ADAMS,
Rhetoricals.

GEORGE T. CHURCHILL,
Penmanship.

IRA T. CARRITHERS,
History.

EDWARD M. SEBRING,
Physics.

IRA T. CARRITHERS, ESTHER BRUSKE,
Physical Training.

I. GENERAL STATEMENT.

The Academy of Alma College has been founded to provide facilities for securing an exact and adequate preparation for college work, as well as to meet the needs of those who wish to enjoy the benefits of a thorough academic training in preparation for life's work.

To realize fully this two-fold object, great care has been taken to provide skilled instruction. Students in the Academy are under the direction of teachers of wide experience and full knowledge of the subjects they teach. The close touch that exists between instructor and student in the class-room is of vital importance in the forming of character.

Graduates of this Academy are prepared to enter the Freshman classes of the best colleges in the country.

II. THE TERMS OF ADMISSION.

To be admitted without condition to the Junior class, an applicant must have completed the work of the ninth grade in the public schools. Instruction in beginning Latin is provided for such as need it. Certificates of standing in ninth grade work done in accredited schools will be accepted; otherwise, the applicant will be examined in the subjects required for entrance.

Applicants for higher standing will be examined in the studies previously pursued by the class they desire to enter, with the exception of those who present certified statements of work done in accredited schools.

III. THE COURSES OF STUDY.

Three courses, each extending through three years, are provided, which severally lead up to the corresponding courses of the College, viz: The Classical, Philosophical, and Scientific. Each of these courses, however, is complete in itself and may be pursued with profit by the student with limited time and means for gaining an education.

IV. OUTLINES OF THE COURSES OF STUDY.

Junior Year.

First Semester		Second Semester.	
Caesar, Book I	*5	English	4
English	4	Med. and Modern History	4
Ancient History	4	Higher Algebra	4
Higher Algebra	4	Bible	2
		Caesar, Books II-IV	5

Middle Year.

CLASSICAL COURSE.

First Semester		Second Semester.	
Cicero	5	Cicero	5
Greek Lessons	5	Greek Lessons	5
English	4	English	4
Plane Geometry	4	Plane Geometry	4
Bible	2		

SCIENTIFIC COURSE.

First Semester		Second Semester.	
English	4	English	4
German	5	German	5
Plane Geometry	4	Plane Geometry	4
Physics	3	Physics	3
Bible	2	Botany	3

Senior Year.

CLASSICAL COURSE.

First Semester		Second Semester.	
Vergil	4	Vergil	4
Anabasis	5	Anabasis; Homer	5
Solid Geometry	4	Algebra Review	3
Physics	4	Physics	4
Bible	2	English	3

The Library.

SCIENTIFIC COURSE.

First Semester		Second Semester.	
Zoology	3	English	4
German	5	German	5
Solid Geometry	4	Algebra Review	3
Chemistry	3	Chemistry	3
Bible	2	History of U. S. Review	3

*—The figures indicate the number of recitations a week. The recitation period is 55 minutes in length.

The Philosophical course is the same as the Classical with the exception of German in the place of Greek.

ENGINEERING COURSE.

For the convenience of students desiring to take a course in Mining, Electrical or Civil Engineering, the following course has been prepared.

Students completing this course will be admitted without examination to the College of Mines at Houghton, Mich., for mining engineering; to the Armour Institute, Chicago, for electrical engineering; and to any of the engineering courses of the University of Michigan.

The first year of the course is the same as the regular Academy courses.

Second Year.

First Semester		Second Semester.	
Plane Geometry	4	Plane Geometry	4
German	5	German	5
English	4	English	4
Physics	4	Physics	4
Bible	2	Bible	2

Third Year.

First Semester		Second Semester.	
German	5	German	5
Solid Geometry	4	Trigonometry	4
College Algebra	4	Chemistry	3
Chemistry	3	English Literature	4
Zoology	3	Botany	3

V. DESCRIPTION OF COURSES.

LATIN.

1. Beginning Latin. Careful attention is paid to the mastery of inflections and the essential rules of syntax, and to the acquisition of a good vocabulary. Bennett's Latin Lessons and Grammar are used.

2. Caesar. The work of the Junior year includes the reading of four books of Caesar's Gallic War, or an equivalent, with frequent practice in prose composition. The text-books used are Bennett's Caesar and Latin Composition.

3. Cicero; Ovid. The Middle year is devoted to the reading of five orations of Cicero and one thousand lines of Ovid. The work in prose composition is continued and in connection with the Ovid, the study of hexameter verse is begun. Text-books used are Bennett's Cicero, Bennett's Composition, and Kelsey's Ovid.

4. Vergil; Ovid. In the Senior year, six books of the Aeneid are read. The literary and rhetorical features of the work are noted, and the study of hexameter verse continued. Bennett's Vergil is used.

GREEK.

1. Beginning Greek. In the first year of the study of Greek, the student's efforts are chiefly directed towards the mastery of the inflections as a foundation for future work. The subject is presented systematically with frequent reviews and other tests. The principles of syntax are presented inductively. Proper methods of study in relation to the training of memory and reason are emphasized. Text-book: White's First Greek Book.

2. Second Year Greek. The reading of easy selections leads up gradually to the study of the Anabasis in the first semester of the second year. This is followed by the reading of three books of Homer's Odyssey. Sight reading, prose composition, and a detailed study of the geography of Greece are included in the year's work. Text-books: Goodwin's Anabasis and Seymour's Odyssey.

MATHEMATICS.

1. Higher Algebra. Through Equations of the First Degree. Four hours a week, first semester.

2. Higher Algebra.—Completed. Three hours a week, second semester.

3. Geometry.—Plane. Four hours a week, first semester.

4. Geometry.—Plane, completed. Four hours a week, second semester.

5. Geometry.—Solid and Spherical. Four hours a week, first semester.

6. Algebra .Review. Four hours a week, second semester.

SCIENCE.

1. Botany. Botany is required of the students in the Scientific Course in the second semester of the Middle year. The work includes the study of the organs and the life processes of the higher plants. This involves both field and laboratory work. One hour of recitation and four hours of laboratory work a week.

2. Zoology. Zoology is studied in the first semester of the Senior year, and is required of students in the Scientific Course. One hour of recitation and four hours of laboratory work a week.

3. Physics. The aim in teaching Physics is to combine the recitation and the laboratory method. A good text-book is put into the hands of the pupils. Accompanying the recitation, general experiments are given to illustrate the principles of the science. The student is then admitted to the laboratory and performs a series of experiments, making his own measurements and computations and entering them in his laboratory note-book. This note-book is a part of the permanent results of the study for which credit is given. Four hours a week throughout the year.

4. **Chemistry.** General Chemistry is required of students in the Scientific Course throughout the Senior year. The text used is Brownlee's First Principles of Chemistry. The work is of such a nature as to give data from which the student may himself derive the more important laws governing chemical reaction. Students are required to make a careful written record of facts observed and drawings of apparatus used, and to write all reactions. One laboratory period and two recitations a week.

ENGLISH.

1. **Elementary Rhetoric and Composition.** English Grammar and punctuation briefly reviewed. Remainder of year given to the theme and its development, paragraph and sentence writing, figures and prosody, as outlined by Lockwood and Emerson. Daily original papers. Four hours a week throughout the year.

2. **American Literature.** History of American Literature by Brander Matthews, first semester. Selections, second semester. Whittier's Eternal Goodness, Last Week in Autumn, Toussant L'Ouverture, Bryant's Thanatopsis, Forest Hymn, To a Waterfowl, Lowell's Vision of Sir Launfal, The Changeling, The Courtin', Emerson's Essay on Compensation, Hawthorne's Great Stone Face, Irving's Sketch Book, Poe's Poems. Four hours a week throughout the year.

3. **History of English Literature, and Masterpieces.** Selections from Anglo-Saxon Literature, Chaucer, Spenser, Bacon, Shakespeare, Milton, Dryden, Addison, Pope, Goldsmith, Burns, Scott, Byron, Wordsworth, DeQuincey, Macaulay, Browning and Tennyson, as outlined by Painter in Introduction to English Literature. Three hours a week, second semester.

HISTORY.

The Academy aims at furnishing its students as large an opportunity for acquiring a knowledge of History as is consistent with the claims of other studies. A semester each is given to Ancient and Mediaeval, and Modern History, and to a review of the History of the United States. The courses in History are designed to give a thorough knowledge of the outlines of the subject and to lay a broad sub-structure for subsequent historical study.

GERMAN.

It is the aim of this department to give a thorough grammatical and conversational knowledge of German. The first year's work is devoted to Elementary Grammar, including declensions, conjunctions and translations of English exercises every day, and conversational drill.

The German script is used and the conversation of the class-room is in German as far as possible.

The second year is devoted to a more advanced study of the best authors, and one day each week is devoted to prose composition.

1. **Bacon's German Grammar;** Glueck Auf. Five hours a week.

2. **Grammar continued.** Frommel's Eingeschneit. Five hours a week.

3. **Grammar Review.** Immensee. Gerstaecker's Irrfahrten. Five hours a week.

4. **Grammar Review continued.** Freytag's Die Journalisten. Minna von Barnhelm. Five hours a week.

ENGLISH BIBLE.

1. **The Books of the Bible, the Geography of the Bible Lands, and Bible Institutions.** Two hours a week, second semester.

2. **An outline of Old Testament History for young students.** Two hours a week, first semester.

3. **The History of the Jews from Solomon to the time of Christ.** Two hours a week, first semester.

THE COMMERCIAL SCHOOL.

GEORGE T. CHURCHILL,
Principal.
Bookkeeping, Shorthand, and Typewriting.

I. BUSINESS TRAINING SCHOOL.

Alma College Commercial School is a modern business training school for young men and women. It is one of the six divisions of Alma College. The courses of study embody all the ordinary branches, and in addition to these give a broad conception of the principles underlying modern business methods. The course may be taken to advantage by young men and women of limited or liberal education.

It is the function of Commercial Schools to teach that which relates to the transaction of business, and to impart a general training in the work of the counting-room and office.

The Alma College Commercial School was organized for this distinct purpose, and bases its claim for public patronage not only on the efficient instruction given, but especially upon the effective methods of instruction employed.

Importance of a Business Training.

At one time the liberal education of the College answered every purpose, but today special and technical training is a necessity. The many diversified interests and industries make this imperative in business life.

The subjects in our courses of study are selected with a view to discipline, continuity, and association, and show a correlation that exists in the school of life. This practical knowledge, when acquired, is the key with which ready admission to the business world may be had. The real aim is to prepare young men and women for usefulness in life. To stimulate them by modern subjects and practical methods in right thinking, noble endeavor, and correct conduct.

II. WHO MAY ATTEND.

Alma College Commercial School invites and receives for admission both sexes, not under sixteen years of age, the chief requisite being a good moral character, an honest desire to learn, and a conscientious effort to perform faithfully the work prescribed. A common school education is sufficient preparation, there being no special educational qualifications demanded. Of course, the more knowledge a student brings with him, and the better his mind is trained to study,, the more rapid and satisfactory will be his progress.

III. THE COURSES OF STUDY.

Three regular courses of instruction are provided, viz: the Business Course, the Shorthand Course, and the Combined Course.

The Business Course includes those subjects which train especially for the work of the bookkeeper and general office assistant, while the Shorthand Course is intended to train young men and women for the work of office amanuensis. The Combined Course, as the name implies, is intended for those who wish to fit themselves for both lines of work or who desire to fit themselves for teaching commercial branches.

IV. OUTLINES OF THE COURSES OF STUDY.

THE REGULAR BUSINESS COURSE.

Bookkeeping
Penmanship
Arithmetic
Business English
Rapid Calculation
Spelling

Advanced Bookkeeping
Correspondence
Spelling
Commercial Law
Business Practice
Banking

THE SHORTHAND AND TYPEWRITING COURSE.

Shorthand
Touch Typewriting
Penmanship
Rapid Calculation
Spelling
Correspondence
Punctuation
Commercial Law
English
Civics
Commercial Arithmetic
Mimeographing
Manifolding
Billing

THE COMBINED COURSE.

This course is arranged for those students who desire to prepare more thoroughly for a business career than can be done in one year, or for those who desire to fit themselves as teachers of commercial branches.

First Year.

Bookkeeping
Business Penmanship
Commercial Arithmetic
Business English
Spelling
Rapid Calculation
Correspondence
Commercial Law
Business Practice
Banking

Second Year.

Shorthand
Touch Typewriting
English
Business Correspondence
Billing
Manifolding
Mimeographing
Civics
Commercial Law
Commercial Geography
Pedagogy
School Management

ELECTIVE BOOKKEEPING.

It is coming to be a well recognized fact that a practical knowledge of accounts and of business methods is not only necessary to the professional bookkeeper and business man, but it ought to be a part of the equipment of every young man or woman going out into life. Prominent and progressive educators all over the land are directing attention to the defects in our modern educational system in failing to give our youth

The Gymnasium.

a knowledge of the simplest and most generally employed methods of every day business affairs. Realizing the urgent need of such training, we have arranged our course so that bookkeeping may be taken with other studies by such students as desire a practical knowledge of ordinary accounting.

V. DESCRIPTION OF COURSES.

Bookkeeping is taught individually. This plan of individual instruction has many advantages. (1) The bright student is not held back by others who are slow, but is allowed to go ahead as fast as he can do his work well. (2) The slow is not pushed ahead of his ability by those who are more rapid in their work, but is allowed to understandingly master the work as he proceeds. (3) This individual work in bookkeeping renders the course flexible. The student may devote all the time he can spare from other studies to this subject, and therefore may always be kept busy. Special test exercises are given frequently. Ten hours a week throughout the course are given to this subject.

Penmanship.

Plain rapid business writing is one of the most important business requirements of the present day. Many good bookkeepers have lost excellent positions because they were unable to write a plain, legible hand. We realize the importance of this branch and devote three hours a week throughout the course to this subject.

Arithmetic.

It has been our observation that most errors in accounts are made because of the lack of knowledge of commercial arithmetic. In view of this fact, we have arranged a thorough course in arithmetic, in which we lay special stress on percentage.

Rapid Calculation.

The necessity of pencil and paper to figure out even the simplest items, is a stumbling block to the accountant which will ever retard him in his business. To remedy this defect the student is given general exercises in rapid calculation, including rapid addition, cross multiplication, extensions, interest and discount, by the shortest known methods.

English.

"He who can use language correctly and forcefully is able to wield a strong influence in almost any sphere of action." This is certainly true when applied to the sphere of business, and we urge young men and women, if they would be successful, to make a thorough preparation in this study. To those who are deficient in this important branch, this school offers splendid advantages. The student of the Shorthand Course may pursue any of the courses of English given in the Academy of Alma College that will be of profit and advantage to him. A course is also given in practical business English which affords special drill in spelling, letter writing, punctuation, and business expression.

Commercial Geography.

Every business man should be familiar with the actual physical conditions that today affect commerce. A study of this branch familiarizes the student with the productions and commerce of various parts of the world. It shows the relation existing between this and other countries, the imports, exports, and tendencies of trade.

Shorthand.

There is a constant demand for good shorthand writers, and a practical stenographer can always secure employment. In this department we not only aim to teach the subject, but to give the students such a training as will enable them to graduate as thoroughly competent stenographers. For this reason we make it a point to thoroughly examine those who enter this department and then frankly state to them what they may expect as a result of their work. The person wishing to learn shorthand should at the outset take a thorough course in English; he should read good literature and by all means be able to spell. Our methods of teaching Shorthand are thorough and up-to-date. While studying the principles, the student writes sentences, and is instructed in phrasing from the very beginning. When the principles are learned, writing from simple dictation, more advanced reading exercises and constant reviews are given. This is followed by advanced dictation work, with speed drills in reading and writing.

Typewriting.

We use the touch system, following out a systematic course of study and practice, besides having the standard single and double keyboard machines.

Aside from its every day use, the typewriter becomes a very effective agent in perfecting the student in the use of good English. Errors in spelling, punctuation, capitalization and paragraphing, become very noticeable on a typewritten page, much more so than on a penwritten page; therefore, the writer takes more pride in having the work correct.

VI. REQUIREMENTS FOR GRADUATION.

All papers are graded on a scale of one hundred, and seventy-five per cent is required in all branches belonging to the course except spelling, in which the student must acquire a grade of ninety per cent. Certificates from High schools and other schools of good standing will be accepted.

In the Shorthand Course a speed of one hundred words per minute in shorthand and thirty words per minute on the typewriter is required. Examinations also in all the other branches outlined in that course.

Diplomas are granted to those who complete the Commercial or Shorthand Course and pass the examinations satisfactorily to the Faculty.

VII. GENERAL REMARKS.

The Time of Admission.

Students may profitably enter at any time during the school year. However, those students who desire to take a full course should enter at the beginning of the school year.

Time Required.

The time required to finish either the Business or the Shorthand Course, depends much upon the student's ability and industry. The average time is one year; however, some students finish in less time.

Attendance and Reports.

As this is a business training school, we have only such rules as are necessary to govern any well regulated office. We have with us earnest seekers after a business training, therefore we do not treat our pupils as children. Everything is conducted in an orderly and business-like manner. We expect our pupils to be regular in attendance, on time, and diligent in the pursuit of their work. Reports of standings are given to the students at the end of each semester, and if required, a duplicate copy will be mailed to the parents or guardians.

To Business and Professional Men.

We shall esteem it a favor on the part of the business men if they will give our graduates an opportunity to enter into competition for such vacancies as may occur in their establishments. Applications for young men or women in any capacity may be made at the College or by letter. We assure the business community that confidence may be reposed in such persons as are recommended by us, and that they can be depended upon both for ability and integrity.

Ask for Information.

It is part of our business to answer questions concerning our school as promptly and accurately as possible. Do not hesitate to ask for any information you may desire in regard to our school. Remember, however, that if a question is answered in our catalogue or other literature we send out, it is just as reliable as if a personal letter were written.

Address all communications to Alma College Commercial School, Alma, Michigan, and all inquiries will be promptly answered.

THE SCHOOL OF MUSIC.

INSTRUCTORS.

MRS. JOSEPHINE ST. JOHN,
Director.
Voice Culture, Harmony and Theory.

GRACE DUNGAN ROBERTS,
Principal of Piano Department.
Pianoforte, Pipe-Organ.

MINNIE M. CHEESMAN,
Pianoforte, Music Building, and Normal Methods.

LINNIE UDELLE,
Violin.

LEORA JOHNSTON,
History of Music, Voice Culture
and Sight Reading.

Four courses of study are offered: Pianoforte, Voice Culture, Pipe Organ, and Violin. Upon the completion of any of these courses with satisfactory public performance, a diploma will be given.

I. PIANOFORTE COURSE.

This course is divided into five grades. The time required for its completion will depend upon the talent and application of the pupil.

Harmony, Musical History and either Voice, Pipe-Organ, or Violin, grades I and II, are required. Ensemble work both in sight reading and in mastering concerted works is expected.

Careful attention is given to the laying of a thorough foundation in technique, and much attention is given to tone production.

The habit of intelligent and careful practice and study is insisted upon. This foundation established, the musical education of the pupil is continued with as much attention to detail and to breadth of study as the limits of the course will permit. Such works of both classic and romantic composers are chosen, as will develop the student technically and musically to the best advantage.

While correct habits and methods are inculcated, the individuality of the student is developed as far as possible. The following list of compositions is suggestive only of the work required, much freedom of selection being exercised to meet the needs of the individual pupil.

Grade I.

Lebert and Stark—Pianoforte School, Part I; Koehler—Practical Method; Loeschhorn, op. 65; Gurlitt, op. 140; Beihl, op. 44; Duvernoy, op. 176; Czerny, op. 39; Sonatinas by Clementi.

Grade II.

Lebert and Stark—Pianoforte School, Part II; Koehler, op. 50 and 242; Loeschhorn, op. 66 and op. 52; Concone, op. 24; Bach—Easy Preludes and Fugues; Sonatas by Reinecke, Krause and Clementi; variations by Beethoven.

Grade III.

Czerny—School of Velocity; Heller, op. 46 and op. 47; Bach — Two and three voiced Inventions; Kullak — Octave School, Books I and II; Loeschhorn, op. 67; Sonatas by Haydn and Mozart; Pieces by Hummel, Mendelssohn, Heller, Grieg, Godard, etc.

Grade IV.

Cramer; Czerny—50 Daily Studies; Bach—French and English Suites; Mozart and Beethoven Concertos; Jensen—Studies, op. 32; Beethoven—Sonatas; miscellaneous studies and pieces by Moscheles, Tshaikowsky, Schubert, Field, Weber, Moszkowski, Leschetizky, etc.

Grade V.

Czerny, Op. 740; Clementi—Gradus ad Parnassum; Bach—Well-Tempered Clavichord; Czerny—Legato and Staccato, op. 335; Tausig—Finger Exercises; Compositions by Schumann, Chopin, Saint-Saens, Liszt and the modern composers.

II. VOCAL COURSE.

This course comprises Vocal Culture, Harmony, Musical History, and Pianoforte, Grades I and II.

The vocal work is divided into five grades, corresponding to the pianoforte course; but no definite time is fixed for the completion of any grade of the course, as the talents and application of the student determine the rapidity of his progress.

The purpose of this department is to cultivate the art of singing, physiologically and aesthetically. At the same time something beyond mere technical skill is arrived at, in that a musicianly style of singing, together with an appreciation of and ability to render the works of the great masters is earnestly striven for. The Orgeni method, developed from the Lamperti and the Viardot Garcia systems of instruction is used.

Grades I and II.

The different actions of the vocal chords throughout the various registers are established and the same carefully blended. Diaphragmatic breathing is thoroughly grounded; technical exercises to be sung mezzo de voce are given for the purpose of producing purity of tone and acquiring a good legato and flexibility. Solfeggi from Scharfe's first book; Sieber's Elementary Vocalises; Marchesi's op. 5.

Grades III and IV.

The natural purity, richness and range of the voice are carefully extended, enunciation and intonation are thoroughly considered. Vocalises and Solfeggi during the work in these grades are selected from Sieber, op. 129 to 143 inclusive; Marchesi, op. 6; Concone op. 10; and Scharfe's Second Book. Ballads and songs are used extensively. Practice in ensemble, in duet, trio, quartet, choir, and chorus is furnished.

Grade V.

In this grade artistic development in regard to tone in sostenuto and pianissimo is carried on, the range of the voice is carefully extended and accuracy and brilliancy in technical execution are further advanced. Vocalises are selected from

Scharfe's Book III; Concone's op. 12; Rigini's, Marchesi's op. 7; Bordongni's studies for phrasing and flexibility. A repertoire of church and concert music is prepared. Arias from the operas and oratorios are studied. Ensemble singing is continued.

III. PIPE ORGAN COURSE.

Students entering this course must have finished the first and second grades in the regular course of pianoforte playing. History and Harmony are required.

Grade I.

Study of Manual Touch, Pedal-playing and Elementary Registration; Dunham's Organ School Books I, II, III and IV; Stainer's Organ Primer; Whiting's First Studies; Easy Pieces arranged by Shelley, Clark, Barrett, Orem, Warren, etc.

Grade II.

Bach——Vol. I; Rink—Best Organ School; Lemmens—Organ School, Part II; Practical Service Playing; Easy Pieces by Merkel, Dubois, Callaerts, Tombelle, etc.

Grade III.

Bach—Vol. II; Buck—Studies in Pedal Phrasing; Clark—Study of Registration; compositions by Buck, Guilmant, Dubois, Thayer, Lefebure-Wely, Lemaigre, Batiste, etc.

Grade IV.

Bach — Vol. III; Mendelssohn — Preludes and Fugues; Sonatas by Mendelssohn, Guilmant, Lachner, Rheinberger, etc. Pieces by Capocci, Smart, Calkin, Widor, etc.

IV. VIOLIN COURSE.

This course comprises the study of the Violin, Harmony, Musical History and Pianoforte, grades I and II.

Ensemble playing is made a special feature. Pupils have the privilege of participating in duets, trios, quartets, rehearsals of the string orchestra class and the pupils' recitals which are given at intervals during the year.

Wright Hall Reception Room.

Dining Room.

Grade I.

Easy exercises, studies and pieces. Intervals, embellishments, etc.

Grade II.

Diatonic and Chromatic scales in all positions, bowing exercises, intervals. Selected solos of Dancla, DeBeriot and others.

Grade III.

Intervals. Bowing exercises. Studies by Kreutzer and Alard, op. 16. Violin sonatas by Haydn, Mozart, Schubert, etc.

Grade IV.

Remainder of Kreutzer Studies Nos. 30 to 40; exercises by Leonard and Schradieck. Rode's 24 Caprices. Bow studies by Meerts. Violin Sonatas by Beethoven, Schumann, Grieg and others. Concertos by Viotti, Rode and Kreutzer. Pieces of classic and modern form.

Grade V.

Studies by Dont and Paganini. Concertos by Sphor, Mendelssohn, Beethoven. Brilliant concert solos by DeBeriot, Bazzini, Wieniawski, Vieuxtemps and others. Playing at sight of first violin part of Beethoven's String Quartets.

Ensemble Singing.

Advanced pupils in voice are given the opportunity to do ensemble work in the duets and trios of Jadassohn, Rubenstein, Schumann and the concerted works of the other composers.

The Choral society prepares for public performances choruses, cantatas and selections from the operas and oratorios. It is open to all students. Entrance tests as to quality of voice and ability to read music are required of all. Credit will be given for regular attendance at chorus and choir practice.

Pianoforte Ensemble Class.

Advanced pupils in pianoforte are admitted to the Ensemble Class, which meets once a week to study the Beethoven Symphonies.

Harmony and Musical History.

Classes in these subjects are open to students who have entered upon the third grade.

Harmony—two years.

Musical History—one year.

Frequent reviews and tests are required, and examinations are given at the end of each semester. Candidates for graduation are required to pass a satisfactory examination in all of these subjects.

Public School Singing.

The object of this course is to fit those who are otherwise qualified, for the supervision of music in public schools. To receive a diploma students must have had two years of Harmony and at least two years each of Voice and Piano, a year of History of Music, from one to two years of Methods and Sight Reading, according to the ability of the student, and Psychology as pursued in the Kindergarten Course. Graduates from this course will receive a certificate from the state entitling them to teach in the public schools.

Sight Singing.

A class in the rudiments of musical notation and reading music at sight is conducted during each year. It is open to all students of the College. Special classes of three or four will be formed for more thorough and extensive work.

MUSIC BUILDING.

The aim of this course is a good foundation upon which to build the music education and the forming of a correct musical taste. The time required for the completion of the course depends upon the age and ability of the pupil.

Grade I.

Sight reading, ear training and rhythm work. Five finger exercises, scale and chord formation, ensemble playing for concentration and time. Stories of the composers. Easy pieces and studies.

Grades II and III.

Sight reading, ear training, rhythm work. A thorough knowledge of the major and minor scales. Intervals, chord formation, etc. Mason, and Wiehmeyer Studies for touch and technique. Studies: Kohler, Loeschhorn, Gurlitt, Lambert, Schumann. Pedal study. Ensemble. Lessons in Musical History. For these grades "The Dunning System of Music Study" is used.

Grade IV.

Sight reading, theory, ear training.

"First Studies in Music Biography" (Tapper). Studies by Lambert, Czerny, Heller, Loeschhorn, Schumann. Leschetizky technique.

Grade V.

Sight reading, ear training, theory, continued. The Faelton System for memory work and transposing. Leschetizky technique. Modern composers. Selected studies from Bach, Haydn, Mozart, Mendelssohn, Czerny, Heller. Ensemble work.

RECITALS.

In addition to faculty recitals, artists' recitals are given during the year.

By means of the pupils' recitals and numerous entertainments, an abundant opportunity is given the pupils for public performance.

The following concerts and recitals have been given under the auspices of the School of Music during the past year:

April 9, 1909. Pupils' Open Class Day.

May 4, 1909. Annual Recital of the School of Music.

May 6, 1909. Piano Recital by Miss Theresa Kirby.

June 1, 1909. Voice Recital by Miss Carmen Goll.

June 8, 1909. Piano Recital by Misses Miriam and Martha Tinker

June 11, 1909. Piano Recital by Miss Theo Amsbury.

June 15, 1909. (Afternoon.) Piano and Song Recital bv Misses Hazel Bahlke and Leora Johnston.

June 16, 1909. (Afternoon.) Piano Recital by Miss Lulu Allen.

June 15, 1909. (Evening.) Annual Concert of the School of Music, assisted by Mr. Edmond Lichtenstein, violinist.

December 9, 1909. Voice Recital by Miss Hazel Bahlke.

December 14, 1909. Piano Recital by Miss Grace Dungan Roberts.

Chapel and Church Choirs.

Practical work in ensemble singing is required of advanced students of Voice Culture and Public School Music, in connection with regular attendance in the chapel and college church choirs.

Musical Kindergarten.

For young pupils working in class.

Games and ingenious devices, blackboard, dumb piano, charts, etc., are used, to interest the child and hold attention.

The beginnings of musical history are explained through stories, pictures, etc.; the sense of rhythm is developed, the ear trained to recognize correct pitch. Musical notation and sight reading are taught.

Physical Training.

Music students are required to attend a special class in rhythm arranged to enhance their appearance in concert and recital.

Literary Requirements.

Graduates from any one of the courses in Music must have the following literary studies: two units of French, two units of German, two units of History, one unit of Elementary Science, four units of English, including College English 1 and 2, and Elementary Psychology.

Miscellaneous Items.

Music students are allowed to take language study to the extent of five hours per week without extra charge.

No student of the department is allowed to take a musical part in a public performance without the permission of the teacher with whom he is studying.

No deductions are made for lessons missed except in case of protracted illness. In such case, the College shares the loss equally with the student.

The department possesses a library of well-chosen music, to which the students have access.

THE SCHOOL OF ART.

KATE L. BOOTH,
Principal.

I. OBJECT.

The object of this School is to develop the power of observation, and to train the eye and hand to produce what is seen;

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The School is furnished with a good assortment of casts, a large addition having been made in recent years. A kiln for the firing of china has also been provided, which further increases the efficiency of the Decorative Department.

II. COURSES OF STUDY.

First Year.

Elementary principles of Drawing and Perspective in Pencil and Charcoal.

Drawings from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

Second Year.

Sketching and Drawing from Still Life.

Grouping and Composition.

Third Year.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

Fourth Year.

Painting from Life and Nature exclusively.

The class in sketching from Nature is coutinued throughout the Spring and Fall, as the season permits. This branch of the department, as well as sketching from life, receives special attention.

The work of the pupils will be on exhibition during Commencement Week.

It is especially desired that all students entering for a course in Art should be present at the opening of the Semester.

GENERAL INFORMATION.

Suggestions to Applicants for Admission.

The requirements for admission to the College are presented on pages 9 and 12; to the Academy, on page 47. For an understanding of the nature and scope of the courses of study of the College, the applicant should study the description of the courses given on pages 17-38. The table of contents at the end of this Catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a semester, so as to conclude all necessary arrangements. A list of rooms and boarding places may be consulted at the College office in the main building. Young women may repair directly to Wright Hall and consult the Dean with regard to matters of personal interest.

Letters of inquiry may be addressed to the President or to the Dean of Wright Hall.

Admission and Dismission.

Applicants for admission to any department of the institution will first report to the President for registration. They must present testimonials of good character, and those who are from other institutions of learning must furnish certificates of standing and honorable dismission. If they desire to enter any of the College courses, they will then report to the Registrar; if any of the schools, as Art, Music, etc., they will report to the Principal of the school. Those who do not bring diplomas or certificates from accredited schools will then be sent to the different instructors for examination. As soon as the applicant is informed of his admission, he will repair to the Secretary of the College and pay his first semester's bill.

All students admitted to the institution will be on probation for the first three months. If during this period a longer stay is by the Faculty deemed inadvisable in the case of any student, he may be so informed privately and permitted to withdraw.

Any student may at any time be privately dismissed if the Faculty deem his further connection with the school undesirable.

Any student against whom there are no unpaid bills nor charges of misconduct is entitled to an honorable dismission.

Studies and Examinations.

No student may take up a study out of the order prescribed in this catalogue or drop a study once entered upon without the consent of the Faculty.

No student shall be allowed to take more than the number of hours of work scheduled for his class without the permission of the Faculty.

Students whose class-work is unsatisfactory will not be allowed to represent the institution as delegates to conventions or members of athletic teams.

Examinations are held at the close of each semester and at intervals during the semester at the discretion of the instructors. The results of the semester examination are reported to parents and recorded for future reference.

If at any examination the standing of a student is unsatisfactory, he shall be duly informed and notice shall be sent to his parents or guardian. If there be no improvement, the student may be dismissed from college.

Conditions must be removed within one year from the time of the examination.

Degrees and Certificates.

The degree of Bachelor of Arts is conferred upon graduates from Group I; that of Bachelor of Philosophy upon graduates from any of the Groups II to VI, and that of Bachelor of Science upon graduates from Group VII or VIII and the four years' Kindergarten Training Course.

A Master's degree in any of the above-mentioned groups will be conferred only on graduates of two years' standing who shall have pursued advanced studies under the direction of the Faculty, and given satisfactory evidence of adequate attainments.

Students who complete the prescribed course in the Academy, the Pedagogical, the Commercial, the Music or the Art School, will receive certificates of the fact.

Rules for Classifying College Students.

1. For Sophomore standing a minimum credit of 35 hours is required; for Junior standing, 65 hours; for Senior standing, 105 hours.

2. No student shall be classified as a Sophomore who has any entrance conditions; or as a Junior, who has any Freshman conditions; or as a Senior, who has any Sophomore conditions.

Location and Advantages.

The flourishing city of Alma is situated in Gratiot county, about thirty-nine miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Pere Marquette and Ann Arbor railroads renders it easily accessible. The town has good sewerage and an excellent system of water works, and experience proves that it is exceedingly healthful. The moral tone of the community is high, its church privileges abundant and its public school system fully organized and efficient. **There are no saloons in Gratiot county.** Those who have children to educate and who desire to surround them with the influence of home life will make no mistake in choosing Alma as a place of residence.

College Buildings.

Of these there are at present six: the Recitation Building, Wright Hall, the Library, the Museum, the Gymnasium, and Pioneer Hall.

The Recitation Building contains the College office, chapel, recitation rooms, laboratories, rooms for the Art and Music schools, and halls for the Zeta Sigma and Phi Phi Alpha literary societies.

Wright Hall, the home provided for the young ladies by the munificence of Ammi W. Wright, is the latest addition to the structures on the campus, and in architectural appearance and adaptation to its purposes is not excelled by any building of its kind in the country. It is built of paving brick trimmed with stone, and is four stories in height above the basement, which is of field stone. The interior finish is very pleasing and the arrangements for the comfort of the occupants are complete. Great care is being taken to surround this noble edifice with a fitting setting of green sward, shrubbery and trees, that it may typify to coming generations of college students the ideal college home.

The Library Building contains the stack room, with shelving for 22,000 volumes, the large and well-lighted reading room and the librarian's office. It is built of red brick trimmed with stone, is handsomely finished in hardwood, and is in all respects well adapted to its particular use.

The Gymnasium Building contains the Founders' room, the Kindergarten rooms, the Gymnasium and an office. The rooms occupied by the Kindergarten department are large and well-lighted, and in every respect are well-arranged for both school and recitation purposes. The Gymnasium occupies the entire upper floor of the edifice, and with its equipment of apparatus, the generous gift of Mr. John W. S. Pierson, of Stanton, Michigan, furnishes adequate facilities for athletic training. Here during the winter months, daily classes in physical culture offer to all the opportunity for that systematic training of the body which is so necessary to the health of the student.

The Hood Museum of Natural History, the gift of Mrs. Frances A. Hood, of Saginaw, and Mr. Frank Hood, of Pentoga, Michigan, was finished and dedicated in June, 1900. It is built of rock-faced paving brick, trimmed with red sandstone. It is two stories and a basement in height, with slate roof, and is one of the finest structures on the campus.

Pioneer Hall, the men's dormitory, for which purpose the former Ladies' Hall has been remodeled, is a substantial brick structure, three stories in height, standing at the northeast corner of the old campus. It is provided with modern conveniences, such as steam heat, electric lights and baths, and has rooms for forty students. The assembly hall of the Y. M. C. A. on the first floor is conveniently located to serve the religious and the social needs of the men students.

These buildings, with the exception of the Museum, are heated by steam from a central heating plant.

The Libraries.

The Libraries of Alma College comprise:

(1) The General Library.

(2) The Pollasky Law Library.

(3) The Lucy Plum Mitchell Library of History and Political Economy.

(4) The Sarah H. Lancashire Library.

(5) The Arthur Hill Library of Lincolniana.

(6) The Joseph W. Ewing Memorial Library of Pedagogy and Education.

(7) The Mary C. Gelston Library of Latin Language and Literature.

(8) The David M. Cooper Memorial Library of Ethics and Theology.

The Libraries contain 22,550 volumes and a valuable collection of pamphlets. There has been an increase of 1980 volumes for the year.

The collection embraces a great variety of works in Classical, English and Foreign Literatures, in Biography and History, in the various Sciences and Arts, and is exceptionally well furnished with encyclopaedias and complete sets of American and European reviews. They are classified and arranged according to the Dewey system, and an index of authors, titles and subjects places the contents of the Library at the command of all who are in search of information upon any subject.

Immediately adjoining the Library Room is the Reading Room, supplied with cases of reference books and the leading journals and periodicals of this country and England.

The Law Library, the gift of Marcus Pollasky, of Oklahoma, consisting of 782 volumes, and occupying a separate alcove, is, during library hours, accessible to members of the bar, who are cordially invited freely to avail themselves of its privileges.

The Library of Lincolniana, the gift of the Hon. Arthur Hill, of Saginaw, fills a large case in the Reading Room.

Both the Library and Reading Room are open every weekday during the term from 8 a. m. to 12 m. and from 1 p. m. to 5 p. m., Saturday from 9 a. m. to 12 m., and from 1 p. m. to 5 p. m.

Students may examine and use the books and periodicals during library hours, and may draw one book at a time to be taken away and returned in one week, and, if renewed, one week longer. All other persons are allowed to use the Library and Reading Room freely, and on payment of an annual fee of $1.00 are permitted to draw books on an equal footing with the students. Transient visitors in town are charged twenty-five cents per month. Resident ministers of the gospel and their families are permitted to draw books free of charge.

During the past year the Library has received gifts of books and magazines from the following:

Dr. David M. Cooper, U. S. Government, Rev. Jay Clizbe, Prof. J. T. Ewing, F. G. Ellett, James H. Moon, U. S. Brewers' Association, State Government, H. N. Casson, Prof. A. P. Cook, M. W. Tanner, Geo. L. Raymond, Mrs. Francis King, Mark Hopkins, Dr. August F. Bruske, N. Western Mutual Life Insurance Co., J. Arthur Thomson, Robert Reussner, Towle Manufacturing Co., Mrs. Alfred Yoemans, Hugo Reisinger and E. Stanley Abbot.

Francis A. Hood Museum.

At Commencement, 1897, the Museum was formally opened in the east room of the ground floor of the Gymnasium Building. The installation of the collection in this place and the equipments of the Museum, had been made possible by the generous gift of Mrs. Francis A. Hood, of Saginaw, and her son, in memory of Mr. Hood, to whom the Museum is dedicated. At Commencement, 1900, The Hood Museum was formally opened again in the building west of the Library, which is wholly devoted to its needs. This building has two large exhibition halls lighted in such a way as to give the largest possible space for the display of the collections. In the basement are store-rooms and laboratories for the preparation of specimens, making the building one of the most complete and convenient museum buildings in the state.

In this building it is hoped that the museum will become to students of Science what the library is to students of Literature and History, and it is proposed to make every specimen in it as accessible for study and comparison as the books in the library are.

The cases in use in the museum are built of oak, constructed on plans furnished by the U. S. National Museum, and are provided with adjustable shelves, dust and insect-proof doors, etc. At present the geological and mineralogical collections are the only ones systematically installed. Additional cases for the Winchell collection of fossils and for the Albino deer, have been provided through the generosity of Mrs. Francis A. Hood, of Saginaw, and Francis G. Hood, of Pentoga, Mich.

The collections of the College are:

(1) The Stilwell collection of Michigan birds and animals

(2) The W. S. Crawford collection of birds.

(3) The Shroyer-Wilcox collection of palaeozoic fossils.

(4) The Alexander Winchell collection of rocks, minerals and fossils.

(5) The general geological and mineral collection.

(7) The William S. Cooper collection of shells, minerals, and butterflies.

The Stilwell collection was made by a former resident of Alma, most of the specimens being collected in the vicinity of the College and representing some species now extinct or very rare for this locality. It numbers nearly 300 specimens and was obtained by purchase.

The W. S. Crawford collection was made by the donor in various parts of the United States, and has a variety of rare specimens of birds from Florida, Arizona and Michigan.

The Shroyer-Wilcox collection is a systematic collection of palaeozoic fossils, those of the Cincinnati group of rocks being especially well represented. It is valuable as a supplement to the other collections of fossils in the museum. It was acquired by purchase.

The Alexander Winchell collection is the largest and most valuable acquisition of the museum. The collection is that gathered by Professor Winchell during his long and active life as a geologist and teacher, and contains over 6,000 specimens, many of which were collected in Michigan by Dr. Winchell and described by him. These type specimens have an especial value. The collection was presented by friends.

The general biological collection contains representative vertebrate and invertebrate animal material, most of it yet to be arranged for exhibition, which has been collected during the history of the College. It will occupy the upper hall of the Museum. It is estimated to contain 2,000 specimens.

The general geological and mineral collection is installed in the east end of the lower hall of the museum and numbers 2,500 specimens. It has been obtained largely by small gifts from numerous friends.

Laboratories.

The equipment of the Physical Laboratory is ample for experimentation in Mechanics, Hydrostatics, Light, Heat, Sound and Electricity. The Laboratory is supplied with gas, water, tables, and other appliances which add materially to its facilities for scientific work. A fine projecting and reflecting lantern has been added to its equipment.

The Biological Laboratory is furnished with all necessary apparatus for thorough and practical work. The equipment consists of a sufficient number of compound and simple microscopes, microtomes, paraffin bath, air and water nets, collecting boxes, etc., for individual field and laboratory work.

The Chemical Laboratories now occupy the entire basement of the east wing of the reception hall. This nearly doubles the laboratory space, and gives much needed room for students in quantitative and special courses.

The General Laboratory is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate twenty-four students. Each desk is supplied with gas and water under pressure, re-agents and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement. Ventilating hoods have been placed over the tables, and much improved ventilation is the result.

The Quantitative Laboratory is equipped with three fine weighing balances, blast lamps and combustion and crucible furnaces, and is provided with a large ventilating hood.

The Organic Laboratory has a good ventilating hood, balance, hot air and water ovens, Kieldahl's apparatus for the determination of nitrogen, fat extractors, and such other apparatus as is required for the work.

The Chemical Department also possesses a fine spectroscope and a sufficient amount of miscellaneous apparatus for thorough practical work. A polariscope has been purchased for use in the classes in Organic Chemistry. A reference library, consisting of some of the latest chemical books, is kept in the Laboratory for use of students.

Wright Hall.

MARGARET E. HAUGHAWOUT,
Dean.

MISS T. ALBERTSON,
Matron.

Wright Hall, the gift of Mr. A. W. Wright, is one of the most complete college dormitories in the country, and has accommodations for one hundred young women. It is heated throughout with steam, is lighted by electricity, has hardwood floors, and contains a spacious reception hall, parlors and dining room on the first floor, attractive rooms for the literary societies, commodious bath rooms, fitted with porcelain-lined tubs—in fact all has been planned for the health and comfort of the students.

It is desirable that all should be members of the family at Wright Hall, which is under the immediate supervision of the Dean. She is directly responsible for the government of the young women and will assign them their rooms and have the general supervision of their personal habits and activities.

Parents and guardians are invited to communicate freely with the Dean touching the interests of their daughters and wards, thus enabling her to understand and meet the peculiar needs of each student.

Girls under sixteen years of age will not be received, except by special arrangement.

At the time of application for admission a deposit of $5 must be made by each student in order to secure a room. This sum will be credited on the first semester's bill or will be refunded if the student decides to withdraw, provided notice is sent a month before the beginning of the college year.

The rooms are single or arranged in suites and are furnished with single enameled couch bed and springs, felt mattress and pad, pillow, oak dresser, wash-stand with crockery, study table, bookcase, chairs and window shades. Each student is expected to furnish her own towels, two pairs of sheets and pillow-slips, blankets or comforts, rugs and such conveniences and adornments as may be desired.

The price of single rooms is from $18 to $36 a semester, according to size and location, the most of them being $22.50 and $27 a semester. A deposit of 50 cents is required for keys, which is returned on surrender of keys.

Table board is $2.75 per week. The price may vary as necessity requires. An extra charge is made for meals sent to rooms.

In case of serious or extended illness, the student will be removed to the sick room, the expense of which is $1.00 per week. When a nurse is necessary, the expense will be charged to parents or guardians.

Wright Hall will be closed during the vacations.

Any young woman wishing to enter the institution should make application to the Dean by letter at an early date, giving age and requirements and stating wishes as to room, courses of study, etc.

Pioneer Hall.

MRS. EVA SPAULDING,

Matron.

To young men in Alma College who prefer dormitory life, ample facilities are offered at Pioneer Hall, where the substantial comforts and conveniences of home life are provided at moderate cost. All the rooms are lighted by electricity and heated by steam, and are cared for a competent matron, who looks after the comfort of the students. Ample bathing and toilet conveniences are provided.

The government of Pioneer Hall is under the direction of a Board of Control, consisting of a representative of the Faculty and five young men chosen by the students who are in residence at the Hall.

Each suite of rooms is provided with bedstead, springs, mattress, table, chairs, book-rack, and commode.

The occupant or occupants of a suite must furnish the necessary towels, sheets, pillow-slips, and blankets or comforts, and meet the expense of laundering the same.

The charge is $1.00 per week for each of two occupants of a suite, and $1.75 per week for a single occupant.

Each applicant upon engaging a room shall make a deposit of $2.50 to secure a room and also to meet any damages that may be assessed against him. In case the room is not taken, the deposit will be returned, provided the due notice is given by August 15th. A deposit of 50 cents shall be made by each student for nis room key, which amount will be refunded when the key is returned.

Old or new students who desire to room in the Hall during the next college year should apply at an early date to Albert P. Cook, Secretary, Alma, Mich.

Davis Field.

By the generosity of Charles H. Davis, Esq., of Saginaw, the College has been put in possession of an athletic field worthy of the donor and the College. The grounds, which are a part of the campus and not far from the Gymnasium, have been perfectly graded and drained, and are of ample extent for all athletic purposes. They are enclosed by a high board fence, and equipped with a foot-ball gridiron, a base-ball diamond, a quarter-mile cinder track, and a grand stand capable of seating 400 people. Recently, bleachers have been erected, water mains put in and two new tennis courts laid out; and with these additions and improvements "Davis Athletic Field" ranks with the best college fields in the middle-west.

Terms and Vacations.

Three terms comprise the college year.

A fall term of fourteen weeks, followed by the holiday vacation of two weeks.

A winter term of eleven weeks, followed by a vacation of one week.

Wright Hall.

A spring term of eleven weeks followed by the summer vacation of twelve weeks.

For the purpose of instruction and examination, the year is divided into two semesters of eighteen weeks each.

For the dates of the opening and closing of terms and semesters, see Calendar at the beginning of this Catalogue.

Religious Organizations.

Young Men's and Young Women's Christian Associations have been maintained during the entire history of the College. The object of these Associations is to promote growth in grace and Christian fellowship among their members, and aggressive Christian work, not only by and for students, but in the whole community; to train young men and women for active Christian service, and to lead them to devote their lives to Jesus Christ. To this end Bible classes, Sunday schools, and a volunteer band for mission work are maintained. Union prayer meetings are held on Wednesday evenings and separate prayer meetings on Sunday afternoons. These are well sustained and productive of great good.

The Associations issue an annual hand-book which contains a large amount of information especially valuable to new students. On their arrival they are met, warmly welcomed, made to feel at home, and assisted in every possible way by representatives of these Assocations.

Literary Societies.

Five literary societies are in active operation: The Zeta Sigma, Alpha Theta, Phi Phi Alpha and Philomathean for College students, and the Froebel Club for members of the Kindergarten Department. The Zeta Sigma and Phi Phi Alpha are conducted by the young men; the Alpha Theta, Philomathean and Froebel Club, by the young women. The aim of these societies is the development of a correct literary taste and the power of precise and ready expression.

Oratory and Debate.

Alma College is a member of the Michigan Oratorical Association, which conducts two contests annually, one for men and one for women. The College also participates in two annual inter-collegiate debates. In 1909-1910 one debate was held with Olivet College and one with Hope College. The local Oratorical Association and Debating League take charge of all local and inter-collegiate contests.

The Phi Phi Alpha and the Zeta Sigma literary societies compete annually in debate. The winner of the contest holds a beautiful engraved cup until the time of the next contest. Three consecutive victories entitle the holder of the cup to permanent possession of it.

The Classical Club.

The Classical Club is conducted by the students in the Ancient Languages under the supervision of the instructors in Greek and Latin. The aim of the Club is the promotion of an interest in classical literature and archaeology. Meetings are held fortnightly during term time.

The Science Club.

The Science Club was organized for general scientific research and for the study in particular of the plants, animals and geology of the region in which the College is located. Regular meetings are held twice a month during the college year.

The Euterpe Musical Society.

This society is conducted by the members of the School of Music, who meet at regular intervals during the college year for the study of the lives and works of the masters in music.

The Honors System.

Under the new plan of marking, which became effective at the beginning of the second semester, provision is made for the recognition of excellence in scholarship through a system of honor-points corresponding to the standings received. The minimum number of honor-points required for graduation is 80; for third honor **(cum laude)** 140; for second honor **(magna cum laude)**, 180; for first honor **(summa cum laude)**, 220.

College Publications.

Alma College Bulletin is published by the College four times a year, in February, May, August and November. The February issue is the College Catalogue, and the other numbers are devoted to the interests of the different schools. Copies of current issues may be obtained on application to the Secretary of the College.

The Almanian is the student publication and is issued weekly during the college year. It is conducted by a board of editors who aim to make it a faithful reflector of local college life in all its phases as well as a consistent supporter of the interests of the institution from the standpoint of the student body.

Aid for Students.

The interests of students of limited means are in charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose.

The children of home and foreign missionaries are granted scholarships, when regular students in College or Academy courses.

Students preparing for the ministry of the Presbyterian church can usually secure aid from the Board of Education to the amount of $100 per year.

A number of students can usually find employment in the city or in connection with the College. As a rule, no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

PERMANENT SCHOLARSHIPS.

To assist deserving young men and women who may need help in securing an education, generous friends of the College have endowed scholarships which, in general, yield an income of $30.00 per year, and pay the regular tuition of those students to whom they are assigned. At present we have thirty-seven of these scholarships.

Name.	Donor.
Mrs. C. P. Colvin	Mr. C. P. Colvin, Saginaw
Thomas Merrill	Mr. Thomas Merrill, Saginaw
Memorial Presbyterian Church	Rev. D. M. Cooper, Detroit
Laurense	Mr. Leonard Laurense, Detroit
Martha P. Seeley	Mr. John F. Seeley, Caro
Harry G. Kelton	Mr. and Mrs. John M. Kelton, W. Bay City
Charles D. Chatfield	Mr. Clarence B. Chatfield, Bay City
Lucy Plum Mitchell	Prof. Jas. E. Mitchell, Alma
Louise Penoyer, Memorial	Mrs. Emeline Penoyer, Saginaw
Edith M. Davis	Mrs. Edith M. Davis, Saginaw
Alba A. Lull	Mr. Alba A. Lull, Pontiac
Martha B. Heartt	Mr. William A. Heartt, Caro
William A. Heartt, 4 scholarships	Mr. William A. Heartt, Caro
First Presbyterian Church, Saginaw	First Presbyterian Church, Saginaw
David M. Ladd, Memorial	U. P. and C. Church, Milford
Marian H. Plum	Mr. J. H. Plum, Milwaukee, Wis
Helen Anderson Tanner	Mr. M. W. Tanner, Saginaw
Watson B. Robinson	Mr. James W. Robinson, Alma
Theodore D. Marsh	Rev. Theodore D. Marsh, D. D., Grand Rapids
Harriet Barton Wright, Memorial	Mrs. J. H. Lancashire, Alma
Margaret N. Thorburn	Mr. Jas. T. Thorburn, Detroit
John Cameron	Trumbull Ave. Presbyterian Church, Detroit
J. Ambrose Wright	First Presbyterian Church, Bay City
Katherine M. Inglis	Mr. Thomas Merrill, Saginaw
Brownell	Mrs. Mary E. D. Brownell's Estate, Detroit
William J. Rohlfs	Many Friends
Grace Church, Saginaw	Mr. Thomas Merrill, Saginaw
Francis King	Mr. Francis King, Alma
M. S. Smith	Mrs. Helen Smith Deming, Detroit
Hazel B. Garland	Mr. Arthur Garland, Howell
Nathan B. Bradley	Elmer E. and Fred W. Bradley, Bay City
Horace B. Silliman	Dr. Horace B. Silliman, Cohoes, N. Y.
John P. Cleveland	First Presbyterian Church, Detroit
Westminster Pres. Church	Westminster Pres. Church, Bay City

ANNUAL SCHOLARSHIPS.

The following persons and churches have also contributed scholarships good for one year:

Mrs. Louisa Y. King, Alma.
Henry H. Soule, Alma.
F. L. Colby, Detroit.
Mrs. Elizabeth C. Dailey, Detroit.
J. S. Farrand, Jr., Detroit.
James C. Wilson, M. D., Flint.
Mrs. W. L. Curtis, Petoskey.
John W. S. Pierson, Stanton.
Robert S. Tracy, Sturgis.
Mrs. W. J. Rainey, Middletown, Ill.
Rev. and Mrs. George A. Hill, Minot, S. D.
Presbyterian Church at Buchanan.
Presbyterian Church at Harbor Springs.
Presbyterian Church at Montague.
Presbyterian Church at Tecumseh.
Presbyterian Church at Wyandotte.

These permanent and annual scholarships are offered to young people (men and women alike) upon these conditions:

(1) The student must have an average of 90 per cent. in the studies of the previous year, or:

(2) He must have stood at the head of his class.

(3) He must be a person of good moral character.

PRIZE.

Greek Prize. The income of the Justin Marsh Fund is hereafter to be awarded each year to the best scholar in New Testament Greek.

CENTRAL ALUMNI ASSOCIATION.

President	James Mitchell, '93
Vice-President	William Winton, '04
Recording Secretary	Wallace Webber, '03

Corresponding Secretary.........Essy Hooper-Sidebotham, '03
Treasurer..............................Sadie Messinger, '03

The Association was formed by the class of '91. It has had a vigorous growth, and has come to be regarded as an important and influential College organization. Its regular meeting is held on the Wednesday of Commencement week, which has been designated as "Alumni Day."

ALUMNI ASSOCIATION OF THE NORTH WEST.

President.............................J. Ambrose Wight, '96
Vice-President........ ....Ira M. Hatch
Secretary and Treasurer................A. John Van Page, '97

DETROIT ALUMNI ASSOCIATION.

President............................Sherman L. Divine, '98
Vice-President...........................Paul H. Bruske, '98
Secretary and Treasurer...........Mrs. Mary Mitchell-Wagner

ALUMNAE ASSOCIATION OF THE KINDERGARTEN TRAINING DEPARTMENT.

President..........................Miss Kate Carpenter, '93
Vice-President.......................Miss Harriet Soule, '03
Secretary and Treasurer...............Miss Edna Swigart, '01

EXPENSES.

The following revised statement of expenses goes into effect at the opening of the College year, September 14, 1910:

WRIGHT HALL.

Board, $2.75 per week, for the year..................$99 00
Room rent, one in a room, for the year....$36 00 to 72 00

PIONEER HALL.

Room rent, one in a room, for the year.............. 63 00
Room rent, two in a room, for the year, each....... 36 00

COLLEGE.	
Semester bill $15.00, for the year	30 00
ACADEMY.	
Semester bill $7.50, for the year	15 00
COMMERCIAL SCHOOL.	
Semester bill $15.00, for the year	30 00
Books and stationery, business course	$10.00 to 12 00
Books and stationery, short hand course, about	5 00
Typewriter fee, per semester	3 00
MUSIC SCHOOL.	
Pianoforte, Voice, Stringed Instruments, Pipe Organ, each—	
One 30-minute lesson a week, per semester	13 00
Two 30-minute lessons a week, per semester	23 00
Three 30-minute lessons a week, per semester	30 00
Music building, two lessons a week, per term (six weeks)	6 00
History of Music, per semester	5 00
Harmony, per semester	5 00
Public School Music, per semester	5 00
Pianoforte ensemble, per semester	5 00
Voice ensemble, per semester	5 00
Use of piano, one hour a day, per semester	4 00
Use of piano, two hours a day, per semester	6 00
Use of piano, three hours a day, per semester	8 00
ART SCHOOL.	
Oil and China Painting, Water Colors and Crayon Drawing—	
Twenty-four lessons, per semester	12 00
Twelve lessons, per semester	8 00
Charcoal and Perspective Drawing—	
Twenty-four lessons	6 00
Twelve lessons	4 00
Single lessons not in course	75
Use of rooms and models three hours daily, per semester	3 00
Lessons are two and a half hours in length.	
KINDERGARTEN TRAINING DEPARTMENT.	
Semester bill $20.00, for the year	40 00
Books and material, for the year, about	9 00

ELOCUTION AND ORATORY.

Private Lessons—

One 30-minute lesson a week, per semester......	13 00
Two 30-minute lessons a week, per semester....	23 00
Three 30-minute lessons a week, per semester..	30 00

OTHER CHARGES.

Laboratory fee, Chemistry, per semester............	5 00
Laboratory fee, Biology, per semester..............	3 00
Laboratory fee, Physics, per semester..............	2 00
Incidental fee (except in Music and Art) per semester	5 00
Diploma fee	5 00
Certificate fee	1 00

REMARKS.

Children of home and foreign missionaries are granted scholarships, when regular students in College or Academy.

Students taking from one to five hours per week, pay no incidental fee; those who take from six to nine hours per week, pay $2.50 per semester; those who take ten or more hours per week, pay $5.00 per semester.

Art and Music students are allowed to take Academic work to the extent of five hours a week without extra charge.

Tuition bills in all departments must be paid by the semester in advance, and board at Wright Hall and room rent in either dormitory, by the month in advance.

In the College the regular expenses for the year are $160 to $190; in the Academy, $145 to $180; in the Kindergarten Department, $165 to $210; in the Commercial School, $145 to $180. These amounts can be largely reduced through various forms of self-help.

GENERAL PRINCIPLES OF CONDUCT FOR ALL.

(1) Respect yourself.

(2) Have regard for the rights of others.

(3) Do nothing which you would be unwilling to have your parents know.

COMMENCEMENT HONORS.

June 16, 1909.

Doctor of Divinity,

Rev. William T. Jaquess, Detroit.

Master of Science,

Raymond G. Swigart, B. S., 1904.

CLASS OF 1909.

Bachelor of Arts.

Maynard Albert Cook.
Lois Ludington Fraker.
Hazel Irene Fraser.
Mark Leroy Marshall.

Bachelor of Science.

Byron Julius Chapel.
Stella Inez Pollard.
Harlow Olin Wittemore.

Bachelor of Philosophy.

Harry Allen Craig.
Theodore Nelson.
Emma Margaret Swigart.

Bachelor of Literature.

Grace Mary Brown.

Bachelor of Pedagogy.

Edna Brown.
Ethel Grace Springer.
Helen Agnes Strange.

Graduates in Music.

Piano—Lulu Margaret Allen and Hazel L. Bahlke.
Voice—Dora Alexander (post-graduate), Helen L. Johnson.

Graduates of the Academy.

Fannie E. Cox.
William A. Ewing.
Emily M. Hooper.
William A. Hooper.
Charles P. Smith.
Lester Von Thurn.
Ifie F. Wyatt.

Graduates of the Commercial School.

Herbert J. Allen.
Guy V. Baker.
Harriett Baker.
Bonneviere Clark.
Edna Day .
Mabel Griffith.
Isabelle Mitchell.
Lulu Resseguie.
Laila Wilson.

FORM OF BEQUEST.

Item—I hereby give and devise to Alma College, situated in Alma, Gratiot County, Michigan, the sum of.............. dollars.

THE REGISTER OF STUDENTS.

THE COLLEGE.

Seniors.

Over one hundred credits.

Hazel Stuart Blair, phil	Sault Ste. Marie
Elsie Ethyl Bond, lit	Paris, Ill.
Royal Roderick Campbell, cl	St. Ignace
Cass Chase, lit	Detroit
Myrtie Creaser, lit	Alma
Alexander Duncanson, sc	Cass City
Stanley Anderson Graves, lit	Detroit
Frank B. McComb, sc	Gagetown
Agnes Rozena Redman, lit	Ithaca

Juniors.

From sixty-five to one hundred credits.

Ethel Gertrude Carey, *V	Harbor Springs
Theron Chapel, VII	Parma
Hurd Allyn Drake, I	Alma
Jean Isabel Dykes, IV	Iron Mountain
Kathleen Isabel Gillard, III	Alpena
Florence Lillian Hood, VI	Alma
Pearl Huber, III	Stanton
Leslie Philip Kefgen, VII	Cass City
Adelbert H. Lindley, II	Lupton
Francis Roy Phillips, VI	Alma
Bessie Seaver, IV	Ithaca
Isabel Stevens, V	Saginaw
Robert Von Thurn, I	Alma

Sophomores.

From thirty-five to sixty-five credits.

Lou Anna Baker, *III	Midland
Fred Horace Bennett, VI	Iron Mountain
Eleanor Bittner, IV	Alma
Vinnie Cecil Booth, III	Alma

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*Major group.

Laura Alice Brown, II	Alma
William I. Chamberlain, VI	Carson City
Robert Howard Cook, I	Alma
Lena Maud Drake, kg	Armada
Lela Adelaide Duff, IV	St. Louis
Wade Lawrence Frost, VII	Tecumseh
Mary Edna Gorsline, II	Howell
Gladys Leona Gorton, V	Gregory
Adrian B. Graham, II	Croswell
Selma O. Hahn, III	Bay City
Edith Violet Harper, kg	Edenville
Ada Elizabeth Hobbs, II	Minden City
Ruth Elizabeth Hovey, II	Howell
Robert Frank Hume, VI	Morenci
Cecil Harriet Krapf, V	Cass City
Leon William Lauderbach, VII	Cass City
Wallace Webb McCall, II	Ithaca
Marion Emma McKinney, V	Saginaw
Nina Martin, kg	Elk Rapids
Hattie B. Mills, V	Alma
Carrie Elizabeth Neilson, III	Vassar
Ethel Northon, V	East Jordan
William Young Pohly, I	Owosso
Ilene Nichols Peasley, kg	Chicago, Ill.
Mary Elizabeth Putnam, kg	Howell
Carrie Louise Rowland, I	Hesperia
Anna Myrtle Ryan, kg	Paris, Ill.
Ernest W. Sebring, VI	Alma
Mrs. Laura Sebring, III	Alma
Nina Davida Shoecraft, III	St. Louis
Ralph O. Von Thurn, I	St. Louis
Roger LeBaron Waring, VI	Tecumseh

Freshmen.

Emma Bachi	Rapid City
Irene I. Beer	Elk Rapids
Charles Elias Beldin	Johannesburg

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*Major group.

D. Royal Blaske	Traverse City
Margaret Pollock Boag	Calumet
R. D. Bradford	Alma
George J. Brilmyer	Milford
Marion Beryl Broderick	Detroit
Della B. Caldwell	Henderson
Florence Carman	Marine City
Flossie Eola Clark	Alma
Loretta Blanche Clum	Alma
Fannie Edith Cox	Logansport, Ind.
Paul Frederick Crandell	Alma
Carolyn Chase Delavan	Alma
Hazel Margretta Dulong	Bay City
Andrew Clifford Edgerton	Cass City
Joyce Miller Ewing	McComb, O.
William Arthur Ewing	Alma
Williamina Catharine Green	Saginaw
Edith May Hewitt	Kalkaska
William Allen Hooper	Alma
Emily Maud Hooper	Alma
Leon A. Kolvoord	Allegan
John Lee Landon	Detroit
Mary Agnes Larcom	Bay City
Bernice Edna Latson	Howell
Robert James McCloy	Fairgrove
Oral Misenar	East Jordan
Ethel Louise Mitchell	Harrisville
Misao Nakajima	Yamanashi, Japan
Helena Gloyd Randall	Tusas, N. Mex.
Anna Irene Reiser	Cadillac
Lydia J. Ressiguie	Middleton
Ruth Marian Robbins	Iron Mountain
Marian Van Horn Rounsifer	Howell
Claud Webster Satterlee	St. Louis
Grace Neva Shaw	Harbor Springs
Charles Permanius Smith	Alma
Marian Aleen Spinney	Alma
Della Struthers	Pontiac
Edward Archibold Thompson	Caseville

Rex Edward Van Duzen	Breckenridge
Lester Von Thurn	St. Louis
Bernice Emma Walker	Alma
Lena Alice Ward	Laurium
Luella Warner	Howell
Winifred Washburn	Alma
Edward Whitlock	Caro
Robert Bruce Wilson	Tecumseh
Vesta Kimball Wilson	Tecumseh
Ralph R. Yonker	Niles

Specials and Partials.

Besvin Anderson	Elk Rapids
Seymour Richard Boyd	Tecumseh
Grover H. Burke	Marlette
Clay Donald Call	Petoskey
Norman Chase	Flint
Foster A. Fraker	Alma
Clara Elizabeth Hanel	Elk Rapids
Theodore Higbee	Marquette
Oliver Hole	Mancelona
Charles Stanley Johnson	Palo
Robert B. King	Adrian
Lora Sara Kirby	Alma
Frank Hugh Locker	Detroit
Julian Barnett Marks	Oscoda
Leontine Messinger	Alma
Chalmers Monteith	Martin
Julia Nina Reed	Howell
Mabel Ardis Reed	Alma
Mrs. J. W. Robinson	Alma
Mary E. Sharp	Alma

THE ACADEMY.

Seniors.

Frank J. Anderson	Omena
Percy Connell	Lupton
Ruth Mary Cook	Alma

John Lloyd Harper	Edenville
Arthur Breeze Henderson	Detroit
Oren Durbin Osborn	N. Baltimore, O.
Herbert B. Smith	Roscommon
Vernon C. Snell	Grand Rapids

Middlers.

Paul H. Austin	Alma
Sidney P. Cook	Alma
George Gage	Gagetown
Esther Halverson	Newberry
Edwin A. Johnson	Port Hope
Walter D. Lambert	Wyandotte
Eural L. Race	Alma
Arnold Robinson	Alma
Maurice L. Rushmore	Old Mission

Juniors.

Oscar M. Anderson	Omena
Veda A. Churchill	Alma
Ruth Halverson	Newberry
Marshall J. Pratt	Old Mission
Mathilda M. Ryan	New York, N. Y.
Roy S. Yerex	Detroit

Partials.

Elihu M. Ewing	Alma
Lillian Havlin	Alma
Gerald C. Hutton	Albion, N. Y.
Arthur Medler	Alma
Alexander Nicholson	Calumet
Logan Papworth	Howell
Bernice Pollasky	Alma
Ruth Ray	Lafayette, Ind.
Sara Runnells	Alpena

THE COMMERCIAL SCHOOL.

Besvin Anderson	Elk Rapids
Edna G. Austin, sp	Whitehall
Edward H. Bagley, B	Old Mission
Harriet A. Baker, S	Alma

Claribel Blair, B	Star City
Della D. Blumenthal, B	West Branch
Lula B. Bronson, B	Ithaca
Rena M. Bronson, S	Ithaca
Florence M. Church, S	Alma
Hazel K. Conner, B	Plymouth
Roy E. Crouch, B	Alma
Edgar W. DeVol, B	Old Mission
Trudie M. Fafty, S	Alma
Nanie I. Granger, B	Alma
Anna Hamilton, S	Alma
Della M. Havlin, S	Alma
Myrtle Howard	Reed City
Frank G. Jayne, S	Caro
Hazel I. Kinney, B	Perrinton
George D. Law, B	Cadillac
Alexander McCallum, B	Bad Axe
Bryson McCloy, B	Fairgrove
Robert J. MacKenzie, B	Laurium
Roy A. Peterman, B	Crystal
Ralph B. Peterman, B	Crystal
Marion Phillips, S	Toronto, Ont.
Jessie M. Turner, S	Vicksburg
Carlyle Walker	Alma
Leon Wilcox, S	Middleton

B—Business. S—Shorthand.

THE SCHOOL OF MUSIC.

Voice.

Iva M. Amsbury	Alma
Theo. M. Amsbury	Elwell
Frank Anderson	Omena
Hazel Bahlke	Alma
Lou A. Baker	Midland
Margaret J. Bielby	Lake City
Leo Best	Alma
Irene Burton	Gladwin

Mrs. Gladys E. Cavanagh	Lake City
Hazel Conner	Plymouth
Helen B. Cook	Alma
Robert H. Cook	Alma
Lela F. Crouch	Alma
Effie M. Curtis	Edmore
Katherine M. DeVries	Grand Rapids
Ada E. Hobbs	Minden City
Robert F. Hume	Morenci
Susan E. Fear	Morrice
Foster A. Fraker	Alma
Wade L. Frost	Tecumseh
Florence L. Hood	Alma
Pearl Huber	Stanton
Leora Johnston	Alma
Mrs. C. M. Jones	Edmore
Robert B. MacKenzie	Laurium
Hattie B. Mills	Alma
Mabel A. Reed	Alma
Bessie Seaver	Ithaca
Leon C. Stinchcomb	Alma
Mrs. Mabelle L. Stinchcomb	Alma
Linnie Udelle	Alma
G. Vernon Wright	Alma

Piano.

Iva M. Amsbury	Alma
Theo. M. Amsbury	Alma
Margaret J. Bielby	Lake City
Elizabeth Bingham	Alma
Della Blumenthal	West Branch
Margaret P. Boag	Calumet
Marion B. Broderick	Detroit
George Buck	St. Louis
Elizabeth Burns	St. Louis
Irene Burton	Gladwin
Mrs. Gladys E. Cavanagh	Lake City
Veda Churchill	Alma
Laura M. Crandell	Alma

Hazel B. Crosby	Merrill
Lela Crouch	Alma
Effie M. Curtis	Edmore
Katherine M. DeVries	Grand Rapids
Mrs. Clara Drake	Alma
Susan E. Fear	Morrice
Mary H. Fogelgren	Stambaugh
Beatrice M. Gray	Laurium
Bernice Latson	Howell
Jane A. McKinney	Tuscola, Ill.
May M. Magill	Bay City
Alexander Nicholson	Calumet
Mabel A. Reed	Alma
Lydia J. Resseguie	Middleton
Mary Rose	Ashley
Linnie Udelle	Alma
Carlyle Walker	Alma

Violin.

Veda Churchill	Alma
Esther Dunham	Alma
Raymond Harlock	Alma
Mrs. C. M. Jones	Edmore
Helen McConkey	Alma
Robert MacKenzie	Laurium

Class at North Star.

Hallie Elco.
Rollie Lincoln.
Vincent Palmer.

Class at Breckenridge.

Ralph Chisholm.
Willie Falor.
Lillian Goll.
Pearce Hayward.
Ward Hodge.
Evelin Pinkerton.
Walter Zimmerman.

Class at Ithaca.

Lucile Brown.
Stanley Brown.
Harry Cornwall.
Rollie Kernen.
Will Leader.
Thelma McCall.
F. Jay McNall.
Frances Mathews.
Wesley Muscott.
Mrs. George Nooney.
Irene Sackett.
Willie Searl.

Music Building.

Laura Amsbury	Alma
Robert Baker	Alma
Wilma Demuth	Alma
Florence De Planta	Alma
Ruth Halverson	Newberry
Thelma Lindsay	Alma
Mildred McConkey	Alma
Adra Miller	Alma
Kenneth Montigel	Alma
Frank Notestein	Alma
Edith Palmer	Alma
Helen Parr	Alma
Iva Perrigo	Forest Hill
Mary Putnam	Howell
Esther Rhodes	Alma
Helen Selby	North Star
Letta Soper	Alma
Percy Wilson	Alma
Beulah Brown	Alma

THE ART SCHOOL.

Miss T. Albertson	Alma
Lou Anna Baker	Midland
Irene C. Burton	Grayling
Mary L. Burnham	Clare
Nelle Chisholm	Breckenridge
Hazel B. Crosby	Merrill
Ella Carr	Ithaca
Effie M. Curtis	Edmore
Mrs. R. J. Davison	St. Louis
Lena M. Drake	Armada
Edna Duff	St. Louis
Cora Dunlap	Alma
Mrs. J. T. Ewing	Alma
Trudie M. Fafty	Alma
Bess Lou Farley	**Alma**
Susan E. Fear	Morrice

Mary H. Fogelgren	Stambaugh
Kathleen I. Gillard	Alpena
Mrs. C. A. Hicks	Alma
Lora S. Kirby	Alma
Mertie Lewis	Alma
Jane A. McKinney	Tuscola, Ill.
Mrs. Maude E. Misenar	East Jordan
Beulah Parr	Alma
Irene Peasley	Chicago, Ill.
Ruth Ray	Lafayette, Ind.
Carrie L. Rowland	Hesperia
Myrtle Ryan	Paris, Ill.
Velma Sharp	Alma
Juno Shepard	Alma
Mrs. Anna E. Trapp	Alma
Pearl E. Turner	Evart
Luella Warner	Howell

SUMMARY.

The College	130
The Academy	32
The Commercial School	29
The School of Music	109
The School of Art	34
	334
Counted more than once	60
Total from September 14, 1909 to March 1, 1910	274

CONTRIBUTIONS.

From April 16, 1909, to March 1, 1910.

Synod's Endowment for the Chair of English Bible and Theism.

A friend of the College in 1902 promised to give $25,000.00 for the general endowment on condition that the Synod of Michigan should raise a like amount for the endowment of the Chair of English Bible and Theism.

From April 16, 1909, to March 1, 1910, contributions were made to this fund by the churches as follows:

Adrian	$24 00
Bay City, First S. S.	21 76
Big Rapids	4 35
Birmingham	8 95
Blissfield	12 00
Caro	20 00
Denmark	70
Emerson	5 50
Flushing	2 00
Grand Rapids, First	27 55
Grand Rapids, Westminster	16 00
Grayling	7 00
Houghton	5 40
Ida	3 51
Ishpeming	$ 9 16
Jackson	25 00
Lansing, Franklin Ave	14 00
Lapeer	3 00
Marquette, S. S.	4 00
Omena	4 35
Peterburgh	5 35
Plainwell	5 50
Plymouth	12 00
St. Louis	2 21
Spring Lake	6 45
Sturgis	11 75
Trenton	1 82
Vassar	5 65
Yuba	2 02

There has been contributed to this endowment to date, $6,683.87.

ANNUAL SCHOLARSHIPS.

Individuals.

Mrs. Louisa Y. King, Alma, $30.00; Henry H. Soule, Alma, $15.00; F. L. Colby, Detroit, $60.00; Mrs. Elizabeth C. Dailey, Detroit, $15.00; J. S. Farrand, Jr., Detroit, $30.00; James C. Wilson, M. D., Flint, $30.00; Mrs. William L. Curtis, Petoskey, $30.00; Robert S. Tracy, Sturgis, $30.00; Mrs. W. J. Rainey, Middletown, Ill., $25.00; Rev. and Mrs. Geo. A. Hill, Minot, S. D., $33.00.

Churches.

Buchanan, $6.40; Harbor Springs, $27.51; Montague, $2.35; Tecumseh, $30.00; Wyandotte, $15.85.

PERMANENT SCHOLARSHIPS.

Payments on Notes, Pledges, Etc.

Bay City First Church, on the J. Ambrose Wight scholarship, $33.03; Bay City First Church Sunday School, on same scholarship, to balance, $56.19; Bay City Westminster Church, on their scholarship, $130.00; Detroit First Church, on the John P. Cleveland scholarship, $60.57; Fairgrove Church, on the William E. Rohlfs scholarship, $11.52.

MISCELLANEOUS GIFTS.

Mr. Ammi W. Wright, Alma, for the Chemistry, Latin and Greek and Art departments, $200.00; Mrs. Wallis Craig Smith, Saginaw, for the Vocal Music department, $225.00; Mr. John F. Seeley, Caro, for the Oratorical Association, $25.00; Mr. William A. Bahlke, Alma, deduction from bill for legal services, $25.00; P. M. Smith and E. T. Lamb, M. D., Alma, for kindergarten supplies, $5.00 each; Mr. Charles Rhodes, Alma, same purpose, $2.00; Mrs. J. H. Lancashire, Alma, for Historical Charts, $20.00; Mrs. Louisa Y. King, Alma, for Historical Charts, $20.00.

LIST OF ALUMNI.

Class of 1891.

Bernice Hunting, Mission Teacher	Tripoli, Syria
Alfred Field Pratt	Campbell, N. Y.
Bertha May Trask, Teacher	Saginaw

Class of 1892.

Mrs. Mary Cook-Streng	Detroit
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Mrs. Katherine Slater-Hubbard	Ashtabula, O.
Ralph C. Ely, Attorney	Deming, N. M.

Class of 1893.

Charles E. Blanchard, Pastor Presbyterian Church.....Pontiac
Mrs. Bessie McLean-Sherman............White Plains, N. Y.
*H. A. Ransom.....................................Muir
James E. Mitchell, Prof. of History and Pol. Sci., Alma College ....Alma
*Mrs. Lucy Plum-Mitchell...............................Alma
Mrs. Josephine Hodges-Waldo............Chambersburg, Pa.
Matie C. Hill.......................................Flint
Mary O. Hunting, Prof. of Latin, Simpson College........ ....Indianola, Ia.

Class of 1894.

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Frank Marsh..................................Ann Arbor

Class of 1895.

Arthur L. Toner, Pastor Presbyterian Church....Elwood, Ind.
Ralph Flewelling, Pastor Harvard St. M. E. Church...... ....Cambridge, Mass.

Class of 1896.

Ambrose B. Wight, Prin. Talcott School..........Chicago, Ill.
Louis S. Brooke, Pastor Presbyterian Church..........Howell
Fred Fullerton, Supt. of Schools......................Howell
*Richard Sidebotham, Missionary...............Fusan, Korea
Elizabeth Jones, Teacher.....................Bismarck, N. D.
Winifred F. Heston, U. S. Med. Inspector....Sacaton, Arizona
Mrs. Clara Booth-McKee, 109 S. Grove Ave........Chicago, Ill.
Anna Girmus...............................Bridgeport
Jos. T. Northon, Supt. of Schools.................East Jordan
Edward Clark Marsh, vice-pres. Macmillan Co..New York City

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*Deceased.

Class of 1897.

Mrs. Gratia Dunning-Brooks	Berlin, Germany
Letta E. Burns, Normal Training School	New York City
A. John Van Page, Pastor Millard Ave. Pres. Church, 1901 S. Lawndale Ave	Chicago, Ill.
Jacob Klasse	Grand Rapids
Kendall P. Brooks, Postgraduate student	Berlin, Germany

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Birdsey Scott Bates, Pastor Pres. Church	Forest River, N. D.
Mrs. Frances Adams-Bates	Forest River, N. D.
Paul Hale Bruske, Editor	Detroit
James I. Crane	Brooklyn, Mich.
Sherman Landon Divine, Pastor Woodward Ave. Pres. Church	Detroit
Elmer Eckard, M. D	Peoria, Ill.
Maurice Grigsby, Pastor Pres. Church	Paw Paw
William Henry Long, Pastor Pres. Church	Mt. Pleasant
Franklin Warren McCabe	Pasadena, Cal.
Mertha Peters, Teacher	Covina, Cal.
Charles Ernest Scott, Missionary	Shantung, China
John Bartlett Stevens, Pastor Pres. Church	Phillipsburg, Mont.

Class of 1899.

Mrs. Maud Bishop-Clark	Harbor Springs
*Frances Thorne-Booth	Alma
Weston T. Johnson, Missionary	Sappori, Japan
Harry Erastus Porter, Pastor Pres. Church	Beverly, O.

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George A. Hill, Pastor Drexel Park Pres. Church	Chicago
David Magaw, Farmer	Gooding
Mrs. Mary W. Plum-Bruske	Detroit
George Basil Randels, State Normal School	Valley City, N. D.

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*Deceased.

Class of 1901.

Henry P. Bush, Jr., County Commissioner of Schools....Caro
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Winifred F. Carl, Prin. of High School...........Wyandotte
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Annabelle Chisholm, Teacher.................Missoula, Mont.
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Daisy L. Hard, County Commissioner of Schools........
....Colville, Wash.
Harry E. Reed, Teacher...........................Bay City
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Winifred G. Trapp, Teacher............................Alma

Class of 1902.

Wesley Bradfield, Department of Forestry..Washington, D. C.
William E. Brock, Mining Engineer........Parral, Chih., Mex.
John N. Booth, Prof. of History, Racine College...Racine, Wis.
William J. Ewing, Pastor Pres. Church..............Fairgrove
Egbert E. Fell, Supt. of Schools........................Caro
Agnes Hope...St. Johns
Alice Rebecca Marsh, Sec. Y. W. C. A..........Asheville, N. C.

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William Ray Baker, Commercial Teacher........Davenport, Ia.
John Y. Brook, Pastor Dutch Reformed Church.Plainfield, N. J.
Margaret Fitzpatrick, Teacher.......................Stanton
*Pearl Fuller, Mining Chemist and Engineer....Virginia, Minn.
Pauline Hazelton-Gorrel.....................Winnemac, Ind.
Arthur J. Helmer, Prin. of High School..............Pontiac
Sadie Messinger, Music Teacher..........................Alma
Myrtle Ione Nicholson, Columbia University........New York
Hugh Norman Ronald, Pastor Pres. Church..........Plymouth
John S. Shiner, Commercial Traveler..........Rochester, N. Y.
Mrs. Essy Hooper-Sidebotham.......................Brooklyn
Henry H. Soule, Business................................Alma
Laura B. Soule, Mission Teacher..................Harlan, Ky.

Margaret K. Taylor.................................Charlotte
T. George Timby, Mining Chemist.................Joplin, Mo.
Wallace F. Webber, Business.........1202 Beaubien St. Detroit
Alice B. Thompson, Teacher..402 W. 52d St., Los Angeles, Cal.

Class of 1904.

J. Wirt Dunning, Pastor Pres. Church..........Portsmouth, O.
Frank R. Hurst, Field Secretary Alma College...........Alma
Mrs. Bertha Higbee-Hurst..............................Alma
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Leora M. Morton, Teacher............................Howell
Mrs. Elizabeth Schmidt-Randels............Valley City, N. D.
Mrs. Kate Bair-Ronald..............................Plymouth
Martin J. Stormzand, University of Chicago..........Chicago
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Raymond G. Swigart, Prin. of High School.......Mt. Pleasant
*Herbert A. Wilcox.....................................Alma
William Winton, Jr., Life Insurance...................Detroit

Class of 1905.

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*Orson Charles Chapman................................Holt
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James Norman King, Pastor Pres. Church.......Hicksville, O.
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Elizabeth Anne Hunt, Teacher...........................Caro
Beryl Kefgen......................................Cass City
Howard Potter, Supt. of Schools..................East Tawas
Fred Judson Soule, Union Theo. Seminary..........New York

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*Deceased.

Class of 1907.

Paul J. Allured, Princeton Seminary............Princeton, N. J.
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Erle H. Casterlin, Insular Normal School..........Porto Rico
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Class of 1908.

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Helen B. Cook, Librarian Alma College.................Alma
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Lester W. Sharp, Student in Johns Hopkins University...Baltimore, Md.
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Class of 1909.

Grace M. Brown, Sec. Y. W. C. A., Univ. of Colorado...Boulder, Colo.
Byron J. Chapel, Chemist......................Des Moines, Ia.
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Lois L. Fraker, Teacher of Latin and German, High School,..Grand Ledge
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Stella I. Pollard, Prin. of High School..................Milan
Emma M. Swigart, Teacher of Latin and German....Newaygo
Harlow O. Whittemore, Prof. Chem. and Physics, Highland University..............................Highland, Kas.

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CATALOGUE

OF THE
UNIVERSITY OF ILLINOIS

...OF...

ALMA COLLEGE

FOR THE YEAR 1910-1911

WITH ANNOUNCEMENTS FOR THE YEAR
1911-1912

ALMA, MICHIGAN

Published by
THE COLLEGE

Entered April 20, 1904, at Alma, Mich., as second-class matter,
under Act of Congress of July 16, 1894

CALENDAR.

1911.		
April 5	Wednesday	Third Term begins.
June 2	Friday	Freshman Exhibition.
June 5	Monday	Final Examinations begin.
June 11	Sunday	Address before Christian Associations, 3:00 p. m. Baccalaureate Sermon, 7:30 p. m.
June 12	Monday	**CLASS-DAY—** Class-Day Exercises, 3:00 p. m. Graduating Exercises of the Commercial School, 8:00 p. m.
June 13	Tuesday	Closing Exercises of the Kindergarten Department, 10:00 a. m. Annual Concert, 8:00 p. m.
June 14	Wednesday	**ALUMNI DAY—** Graduating Exercises of the Academy, 10:00 a. m. Meeting of the Board of Trustees, 10:00 a. m. Meeting of Alumni Association. Senior Promenade, 8:00 p. m. President's Reception, 8:00 to 10:00 p. m.
June 15	Thursday	**COMMENCEMENT,** 10:00 a. m. Commencement Banquet, 1:00 p. m.

SUMMER VACATION.

Sept. 12	Tuesday	Matriculation.
Sept. 13	Wednesday	First Term begins.
Nov. 30	Thursday	Thanksgiving Day Recess.
Dec. 20	Wednesday	First Term ends.

WINTER VACATION.

1912.		
Jan. 3	Wednesday	Second Term begins.
Jan. 29	Monday	Semi-Annual Examinations begin.
Feb. 2	Friday	**FIRST SEMESTER** ends.
Feb. 5	Monday	**SECOND SEMESTER** begins.
Feb. 8	Thursday	Day of Prayer for Colleges.
Feb. 20	Tuesday	Mid-year Meeting of Board of Trustees.
Mar. 20	Wednesday	Second Term ends.

SPRING VACATION.

April 3	Wednesday	Third Term begins.
May 31	Friday	Freshman Exhibition.
June 13	Thursday	**COMMENCEMENT.**

IN NOMINE DEI, AMEN.

"Resolved, That in view of all the facts brought before us, we will, with God's help, establish and endow a college within our bounds."

—Synod of Michigan, Grand Rapids, Oct. 14, 1886.

OF THE
UNIVERSITY OF ILLIN

The Corporation

TRUSTEES.

Class of 1911—

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Rev. James M. Barkley, D. D., Detroit.
Thomas Merrill, Saginaw.
Charles H. Davis, Saginaw.
Prof. Elmer A. Lyman, Ypsilanti.

Class of 1912—

Edgar A. Bagley, M. D., Alma.
Charles Moore, Detroit.
John F. Seeley, Caro.
John H. Plum, Milwaukee, Wis.
Lester A. Sharp, Alma.

Class of 1913—

Clarence B. Chatfield, Bay City.
*Rev. Theodore D. Marsh, D. D., Grand Rapids.
Rev. David Howell, D. D., Lansing.
Robert S. Tracy, Sturgis.
John W. S. Pierson, Stanton.

Class of 1914—

Rev. Louis S. Brooke, Howell.
James R. Wylie, Grand Rapids.
Francis Hood, Marinette, Wis.
Sarah H. Lancashire, Alma.
Leonard Laurense, Detroit.

---

*Deceased.

OFFICERS OF THE BOARD OF TRUSTEES.

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Curriculum—Louis S. Brooke, Mrs. Sarah H. Lancashire.

Faculty, Instructors, Morals, and Discipline—David Howell, Elmer A. Lyman.

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Farm—John F. Seeley, Edgar A. Bagley, Albert P. Cook.

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The Synod's Committee on Colleges.

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801 West Superior Street.

JOHN T. EWING, A. M.,

Alexander Folsom Professor of Greek and Latin.
315 Grant Avenue.

JAMES E. MITCHELL, A. M.,

Ammi W. Wright Professor of History and Political Science.
412 Maple Avenue.

FRANK N. NOTESTEIN, Ph. D.,

Ammi W. Wright Professor of Mathematics and Physics, and Dean of the Faculty.
231 Philadelphia Avenue.

JAY CLIZBE, A. M.,

Synod of Michigan Professor of Biblical Literature.
525 West Superior Street.

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Farnham C. Stone Professor of English, and Dean of Wright Hall.
Wright Hall.

JANE MULLENBACH, A. B.,

Wells Professor of French and German.
Wright Hall.

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Wright-Davis Professor of Chemistry, and Secretary of the Faculty.
220 Maple Avenue.

HANSFORD M. MacCURDY, Ph. D.,

Nathan B. Bradley Professor of Biology and Geology.
714 State Street.

ALBERT P. COOK, A. M.,
Principal of the Academy and Instructor in Pedagogy,
611 West Center Street.

……………………………………

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Mary C. Gelston Professor of English Speech.
309 Grant Avenue.

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Principal of the School of Art,
Wright Hall.

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Wright Hall.

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Model Kindergartner.
Wright Hall.

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Diploma from the Royal Conservatory, Dresden.
301 Grant Avenue.

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Wright Hall.

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413 Wright Avenue.

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501 West Center.

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419 Grant Avenue.

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630 State Street.

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Pioneer Hall.

GAIL E. PEACOCK,
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Wright Hall.

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Pioneer Hall.

STANDING COMMITTEES OF THE FACULTY.

Admission—Professor Ewing, President Bruske, Professor West.

Aid to Students—President Bruske, Professors Ewing and Cook.

Appointments—Professors Mitchell, MacCurdy and Miss Robinson.

Athletics—Professors Mitchell, MacCurdy and Haughawout, Miss Weis, Mr. Grady.

Buildings and Grounds—Professors Cook, Notestein, MacCurdy, and Miss Booth.

Commencement Exercises—President Bruske and the Principals of Schools.

Curriculum—Professor Ewing, President Bruske, Professors Adams, Mullenbach, West.

Degrees—President Bruske, Professors Clizbe and Notestein.

Discipline—President Bruske, Professors Notestein, Cook, Haughawout.

Graduate Work—Professors MacCurdy, Ewing, Haughawout, Mullenbach.

Library, Museum, Apparatus—Professors Ewing, Mitchell, West, MacCurdy, Mullenbach.

Pioneer Hall—Professors Mitchell, Cook, Notestein, Mr. Grady.

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Religious Exercises—President Bruske, Professors Clizbe and Notestein.

Teachers—President Bruske, Professors Notestein and Haughawout.

OTHER OFFICERS.

ALBERT P. COOK, Secretary.
JOHN T. EWING, Registrar. HELEN B. COOK, Librarian.
FRANK R. HURST, Field Secretary.

Alma College

ORGANIZATION.

Alma College embraces five divisions: The College, The School of Pedagogy, The Academy, The School of Music, and the School of Art.

THE COLLEGE

THE TERMS OF ADMISSION.

The unit of credit for preparatory work is a daily recitation for a school year. Fifteen such units are required for unconditioned entrance to the Freshman Class, as follows: English, three units; Mathematics, three units; History, one unit; Science, one unit; Foreign Language, four units; Electives, three units.

The language requirement may be met by offering two or more units in Latin, Greek, French or German. Candidates for the A. B. degree should offer four units in Latin. All students are advised to offer at least two units in Latin.

Candidates who are deficient in not more than two of the required fifteen units may be admitted conditionally to the Freshman Class, but the condition must be removed before work in majors is undertaken.

STATEMENT OF REQUIREMENTS.

English—

1. Grammar and Composition. One unit.
2. Rhetoric and Composition. One unit.
3. English and American Classics. One unit.

For Reading. 1.—The candidate will be required to present evidence of a general knowledge of the subject matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen— ct before him in the examination paper. The treatment of the topic is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of a test, the candidate may present an exercise book, properly certified by his instructor, containing composition or other written work done in connection with the reading of the books.

The books set for this part of the examinations are:

1910, 1911, 1912—George Eliot's Silas Marner; Bunyan's The Pilgrim's Progress; The Sir Roger de Coverly Papers; Scott's Ivanhoe, and Lady of the Lake; Shakespeare's Merchant of Venice, and Julius Caesar; Tennyson's Gareth and Lynette, Launcelot and Elaine, and the Passing of Arthur; Irving's Sketch Book; Franklin's Autobiography; Macaulay's Lays of Ancient Rome; Hawthorne's The House of the Seven Gables; Dickens' A Tale of Two Cities.

For Study—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form and structure.

1910, 1911, 1912. Shakespeare's Macbeth; Burke's Speech on Conciliation with America, or Washington's Farewell Address; Webster's First Bunker Hill Oration; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Latin—

1. Latin Lessons, including thorough drill in declensions and conjugations and the essential rules of syntax, and easy reading. One unit.

2. Four books of Caesar's Commentaries on the Gallic War, or an equivalent. One unit.

3. Six orations of Cicero, or an equivalent. One unit.

4. The first six books of Vergil's Aeneid; or I-IV, with 1,500 lines of Ovid, or an equivalent. One unit.

5. Translation at sight of passages of prose and verse and work in composition based upon the prescribed prose read in class.

Greek—

1. Greek Lessons, including thorough drill in inflections and the fundamental rules of syntax. Xenophon's Anabasis, Book I. One unit.

2. Xenophon's Anabasis, two books, with prose composition. Homer's Odyssey, two books. One unit.

German—

1. Elementary Grammar; German Reader, Glueck Auf; Immensee. One unit.

2. Grammar Review; Wilhelm Tell and Die Journalisten, or equivalents. One unit.

French—

1. Rudiments of French Grammar. Reading of easy prose. One unit.

2. Review of Grammar. Reading, composition, and colloquial practice. One unit.

History—

1 General History. One unit.
2. (a) Grecian History. One-half unit.
   (b) Roman History. One-half unit.
3. (a) United States History. One-half unit.
   (b) Civics. One-half unit.
4. Advanced United States History. One unit.

Mathematics—

1. Algebra, Factors, common divisors and multiples, equations of the first degree with one or more unknown quantities, involution, including the binomial theorem for positive entire exponents, evolution, the doctrine of exponents, radicals and equations involving radicals, quadratic equations of one and two unknown quantities, ratio and proportion, arithmetical and geometrical progressions. One and one-half units.

2. Geometry. Plane, solid and spherical geometry, including the solution of simple original exercises and numerical problems. One and one-half units.

Science—

1. Physics. The equivalent of Carhart and Chute's High School Physics, together with an approved laboratory course of not less than forty experiments actually performed at school bv the candidate. One unit.

2. Botany. The equivalent of Bergen's Foundations or Stevens' Introduction to Botany, together with an approved laboratory course involving the detailed examination of not less than forty plants. One unit.

3. Chemistry. The non-metallic elements, as usually given in high school text-books, together with an approved laboratory course of not less than forty experiments actually performed by the candidate, as given in Remsen's or Williams' Laboratory Manual. One unit.

4. Zoology. A course of laboratory and field work in this subject as treated in such text-books as Jordan or Davenport. A note-book should be kept and presented at entrance. One unit.

5. Physiography. One-half year's work in this subject as treated in Tarr's or Davis' text-book. One-half unit.

6. Elementary Geology. Laboratory and field work. One-half unit.

METHODS OF ADMISSION.

I. By Examination.

Examinations for admissions will be held on Tuesday, September 12, 1911, beginning at 9 o'clock a. m. The entrance examinations are designed to test the ability of the candidate to undertake the course of study, and not merely to ascertain the character and amount of his acquired knowledge.

II. By Certificate.

Examinations will be waived in the case of applicants who present certificates of graduation from the Academy of Alma College, or from any **accredited** high school having equivalent courses. Applicants from accredited high schools must send or present in person a full statement by the proper persons of the work done in each study. Blank forms for this purpose may be obtained on application to the Registrar. **An examination in any or all of the subjects for examination outlined on pages nine to twelve will be required of applicants from accredited schools who are not provided with such certificates.**

Candidates for advanced standing will be examined on the subjects previously studied by the classes they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismission and also careful statements, duly verified, of the studies pursued and the credits received therein.

III. Partial Courses.

Students desiring to pursue partial courses in the College **must meet the requirements for admission to one or other of the College courses of study, either upon examination or certificate.** In laying out their work, they are expected to consult with the instructors in charge of the subjects they wish to pursue, and they will be subject to the same regulations as to College requirements, number of hours of work, etc., as other students. They will not be regarded as candidates for a degree. A certificate setting forth the amount of work which has been done will be given any such student as requests it.

THE REQUIREMENTS FOR GRADUATION.

The standard unit of credit used in estimating college work is one recitation period a week for one semester, or one "semester-hour." In laboratory courses a two-hour period is considered equal to a one-hour recitation period. One hundred and twenty semester hours are required for graduation, making the average requirement per semester fifteen recitation periods a week. The recitation period is 55 minutes in length.

The subjects comprised in the college course of instruction are arranged in groups, each of which contains (a) certain subjects required of all students; (b) two major subjects; (c) general electives, the choice of which is unrestricted.

(a) The required subjects are the following: English, six hours; Mathematics, eight hours; History, six hours; Laboratory Science, six hours; Philosophy, six hours; Bible and Theism, seven hours; Elocution, two hours; Physical Training, two hours; Foreign Language, sixteen hours.

(b) In order to secure to the student the advantage of intensive work, he is required at the proper time to choose two subjects in which he must secure a total credit of forty hours. Ordinarily, this special work should be done in the Junior and Senior years and certain prerequisite courses must be taken in the first two years of the course. A thesis on a theme approved by the instructor is also required.

(c) The remainder of the one hundred and twenty hours may be elected from any of the departments of instruction of the college proper. The following subjects may be elected, with due regard to the limitation imposed by the program of recitations:

Art.
Astronomy.
Biology.
Chemistry.
English.
French.
Geology.
German.
Greek.
History.
Latin.
Mathematics.
Music.
Oratory.
Pedagogy.
Philosophy.
Physics.
Political Economy.

The groups from which the choice of major subjects for 1911-1912 may be made are given below:

I. Ancient Languages.
II. History—Economics.
III. English—Modern Language.
IV. English—Latin.
V. History—Latin.
VI. Oratory—English.
VII. Mathematics—Laboratory Science.
VIII. Chemistry—Biology.
IX. Political Science—Oratory.

The degree of A. B. will be given to those students who complete Group I; that of Ph. B., to those who complete any one of Groups II-VI, and IX; and that of B. S., to those who complete Group VII or VIII.

The Bachelor's degree will not be conferred upon a student unless he has been in residence at least a year.

Freshman Year.

For the convenience of the student in the selection of his studies, the work of the Freshman year is here presented in section form:

I.		III.		V.	
English	3	English	3	English	3
Latin	4	Latin	4	French	4
Greek	4	French	4	Chemistry	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

II.		IV.		VI.	
English	3	English	3	English	3
Latin	4	French	4	French	4
History	3	History	3	Biology	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

Sections I, II, III, presuppose four years of preparatory Latin; Sections II-VI, two years of preparatory German.

Sophomore Year.

In the work of the Sophomore year must be included a second year in each foreign language taken and two hours of Bible, and the student is advised to include the required History and Science, if these have not been taken. The rest of his work may be made up of general electives or majors.

PREPARATION FOR PROFESSIONAL WORK.

Through the grouping system Alma College offers the student increased facilities for shaping his vocational preparation, while it requires at the same time the broad basis of knowledge and training which is so essential to real success in all lines of activity.

Law—The student who expects to enter upon the study of the law should do his major work in the History-Economics group or the Political Science and Oratory, with electives in Philosophy and Sociology.

Medicine—The Chemistry-Biology group offers lines of major and elective work which are especially useful in preparation for the study of medicine. These departments are well equipped with facilities for laboratory work under competent instruction, and offer a wide range of courses to pre-medical students.

Engineering—Students expecting to become engineers should do major work in the Mathematics-Laboratory Science group, which offers a number of courses in the mathematics, sciences and modern languages that form a fundamental part of all engineering courses.

Teaching—The College makes especial provision for the needs of prospective teachers, (a) in its pedagogical courses,

(b) in its special courses in the methods of teaching specific subjects, (c) in its offer of a State tsacher's certificate to those who meet the requirements of the pedagogical course. The student who expects to teach a particular subject should choose it as one of his majors.

Christian Work—For the training of young people who desire to enter upon any form of Christian work, such as the ministry, Bible teaching, Y. M. C. A. and Y. W. C. A. work, church work, missionary work, etc., the College offers a year course in Bible study and kindred subjects. The course is made up in part from the regular work of the Academy and the College,, and in part of lectures and classes in special subjects. The outline of this course is as follows:

Academy.

First Semester.		Second Semester.	
Middle Year—Old Test	2	Middle Year—Bible Geography	2
Senior Year—History of the Jews.	2		

College.

Biblical Literature	2	Logic	3
Theism	3	Ethics	3
Biblical Theology	2	Elocution	2
English	3	English	3
History of the Bible	2	Biblical Pedagogy	2
College Elective	3	College Elective	3
Biblical Literature	2		

Lectures on Evangelism, Y. M. C. A. work, etc.

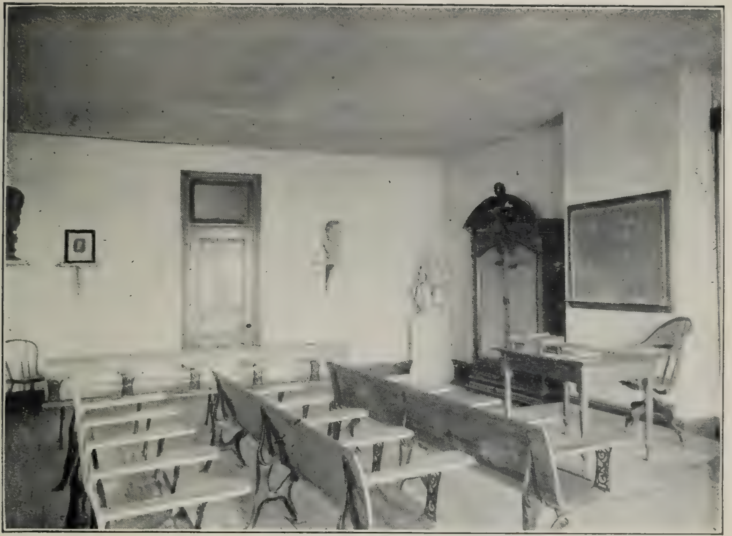
Certain of the subjects in this course may be elected by regular College students.

COURSES OF INTRUCTIONS

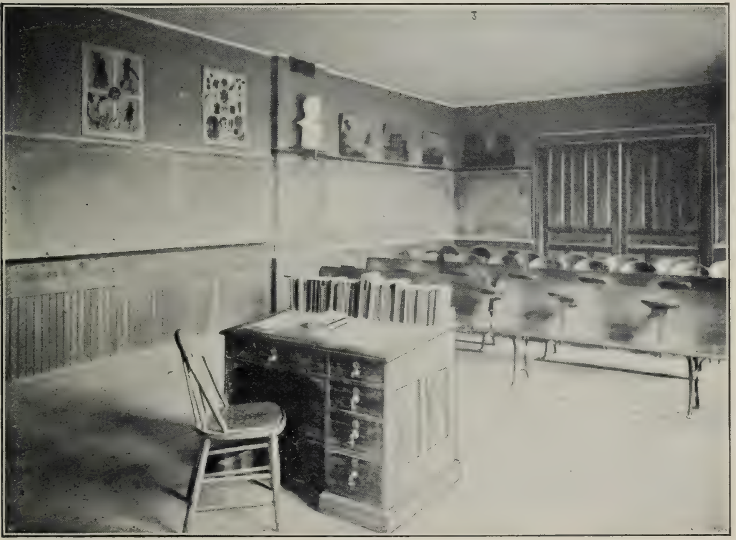
GREEK LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Lysias and Xenophon**—Review of grammar. Prose composition. History of Greek literature. Four hours, first semester.



President's Room



Greek and Latin Room

2. **Homer** — Book I of the Iliad, with a careful study of forms and prosody; rapid reading of books II-VI, or of selections from other books; topical study of the Homeric Age. Greek literature. Four hours, second semester.

3. **Herodotus, Thucydides**—Notes on Greek constitutional development; rapid readings of portions of Xenophon's Hellenics and Demosthenes' Philippics. Four hours, first semester, 1912-1913.

4. **Greek Tragedy**—The reading of selected plays; a study of the development of Greek dramatic art, and of the theatre and scenic representations. Four hours, second semester, 1912-1913.

5. **Lyric Poetry** — Readings from the elegiac and melic poets; a study of verse-form and of style. Four hours, first semester, 1911-1912.

6. **Greek Comedy** — Readings of selected plays of Aristophanes; a study of the development of comedy through its three phases and of its influence upon Roman comedy. Four hours, second semester, 1911-1912.

Courses 5 and 6 alternate with Courses 3 and 4.

7. **Plato**—Readings from the Apology, Crito and Phaedo; the life and character of Socrates; outlines of Greek philosophy. Three hours, first semester, 1911-1912.

8. **Theocritus and Lucian**—Studies in the later literature. Three hours, second semester, 1911-1912.

9. **New Testament Greek** — Rapid reading of selections; study of the peculiarities of Hellenistic Greek. Three hours, second semester, 1911-1912.

10-11. **Greek Literature in English**—A rapid survey of the whole field of Greek literature. Open to seniors and juniors. A knowledge of Greek not necessary. Three hours throughout the year, 1912-1913.

LATIN LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Cicero, De Senectute**—Word analysis and inflections; selections from Ennius, Catullus, Lucretius, Vergil's Eclogues,

Sallust; Roman Literature of the Republic. Four hours, first semester.

2. **Livy**—Book XXI; Review of Syntax: a play of Plautus or Terence; Topography of Ancient Rome. Four hours, second semester.

3. **Horace**—Odes and selections from Epodes, Satires and Epistles; Roman Literature of the Augustan Age. Three hours first semester.

4. **Pliny's Letters**—Selections from Martial, Tacitus, and Suetonius; Roman Literature of the Empire. Three hours, second semester.

5. **Roman Drama**—Plautus, Terence, Seneca. Three hours, first semester 1911-1912.

6. **Roman Philosophy**—Lucretius, Cicero, Seneca. Three hours, second semester 1911-1912.

7. **Roman Satire**—Horace, Persius, Juvenal. Three hours first semester, 1912-1913.

8. **Roman Lyric Poetry**—Catullus, Tibullus, Propertius. Three hours, second semester, 1912-1913.

9. **The Latin Language**—Open only to students who take Latin as a major study. A thorough study of the sounds, inflections and syntax. Three hours throughout the year.

ENGLISH LANGUAGE AND LITERATURE.

MARGARET E. HAUGHAWOUT, Professor.

1. **Introduction to Study of English Literature** — Daily papers; constructive English; study of specimens of forms of discourse; Browning's shorter poems; Genung's Rhetoric in third term. Three hours a week throughout the year. Required of Freshmen.

2. **Anglo-Saxon** — Grammar, reading of Beowulf. Three hours a week throughout the year.

3. **Chaucer and Spenser**—Two hours a week throughout the year. 1913-1914.

4. Shakespeare—Reading of all plays. Three hours a week throughout the year. 1913-1914.

5. Minor Elizabethan Dramatists — Open to those who have had Courses 2, 3 and 4. Three hours a week throughout year, 1911-1912.

6. Milton—Two hours a week, first semester. 1911-1912.

7. Eighteenth Century Prose—Addison, Swift and Steele. Two hours a week throughout the year 1912-1913.

8. Rise of the Novel—Defoe, Richardson, Fielding, Smollett, Sterne. Two hours a week throughout the year. 1911-1912.

9. Nineteenth Century Prose—Carlyle, Emerson, Arnold, Ruskin. Two hours a week throughout the year. 1912-1913.

10. Nineteenth Century Poetry—Wordsworth, Coleridge, Keats, Byron, Shelley. Three hours a week throughout the year, 1913-1914.

11. Browning's Dramas—Two hours a week throughout the year, 1913-1914.

12. Tennyson—Two hours, second semester, 1911-1912.

HISTORY AND POLITICAL PHILOSOPHY.

JAMES E. MITCHELL, Professor.

1. European History—From the Fall of the Roman Empire in the West to the Protestant Revolution. Three hours a week, first semester, 1911-1912.

2. European History—From the Protestant Revolution to the Congress of Vienna, 1815. Three hours, second semester, 1911-1912.

3. The Renaissance and Reformation—Open to those who have taken Courses 1 and 2. Three hours, first semester, 1912-1913.

4. The French Revolution and its Antecedents—Open to those who have taken Courses 1 and 2. Three hours, second semester.

5. **The History of Europe since the Congress of Vienna, 1815**—Open to those who have taken Courses 1 and 2. Three hours, second semester.

6. **History of England**—Political and Constitutional. Three hours throughout the year, 1911-1912.

7. **History of the United States** — Colonial and Revolutionary Periods, 1492-1789. Three hours, first semester, 1911-1912.

8. **History of the United States** — National Development and the Slavery Question, 1789-1861. Three hours, second semester, 1911-1912.

9. **History of the United States**—The Civil War and Reconstruction, 1861-1876. Three hours, first semester, 1912-1913.

10. **The State**—A discussion of the origin, forms and ends of the State, together with a history of the formation of the Constitutions of England, France, Germany and the United States. Courses 1, 2 and 5 in History should precede this Course. Three hours, first semester, 1911-1912.

11. **Political Philosophy**—A history of political theories from Plato to Luther. Open to those who have taken Courses 1 and 2 in History. Three hours, first semester, 1912-1913.

12. **Political Philosophy**—A history of political theories from Luther to Montesquieu. Open to those who have taken Course 11. Three hours, second semester. 1912-1913.

13. **American Government** — An analysis of the nature, structure and working of the Federal Government, and a comparison with the English system. Three hours, second semester. 1911-1912.

14. **English Government**—A study of the English government as it exists today. Three hours a week throughout the year, 1912-1913.

ECONOMICS AND SOCIAL SCIENCE.

JAMES E. MITCHELL, Professor.

1. **Principles of Economics**—This course is designed to cover the more important portions of the general field of Economics. The student is expected to assimilate the general

principles of the subject and be able to apply them to the discussion of practical questions. An excellent library of Economics, containing all the important treatises in English on the subject, is at hand, and students are required to use it freely. Three hours, first semester. 1911-1912.

2. Economic History—This course has to do chiefly with the industrial development of England and the United States. It may properly precede or supplement the course in the principles of Economics. Three hours, first semester, 1912-1913.

3. Money and Banking—A discussion of the theory and history of money and banking with special reference to the United States. The gold standard; bimetallism; fiat money; our present currency, with proposed changes; functions of a bank; first United States Bank; second United States Bank; our present national banking system; our state banks; the Bank of England; Bank of France; Reichsbank of Germany; are some of the subjects considered. Three hours, second semester. 1911-1912.

4. Corporations—A study of modern industrial combinations, their history in the United States from the pool to the trust and holding company. Typical cases are studied and principles deduced therefrom. Greene's Corporation Finance and Ripley's Trusts, Pools and Corporations are used as textbooks. Three hours, first semester. 1911-1912.

5. Principles of Taxation—The historical development of taxation; a study of the different kinds of taxes, as the general property tax, the single tax, inheritance tax; taxation of corporations; double taxation, together with reforms in taxation. Three hours, first semester. 1912-1913.

6. Principles of Sociology—An advanced general course. It includes an analysis and classification of social facts; discussion of the principles of social theory and the process of socialization; study of social feeling, public opinion, and organized action; an inquiry into the causes of emotional epidemics, panics, mob violence, revolutions; an explanation of the growth of public opinion on great questions; an attempt to show from history and current events that public action is governed by definite laws of social change. Giddings' Principles of Sociology is used as a text. Three hours, second semester. 1911-1912.

ENGLISH SPEECH.

JOHN Q. ADAMS, Professor.

The work in English speech begins with the second semester of the Freshman year and may continue unbroken throughout the college course. The instruction offered is intended to be sane, practical and progressive. Opportunities for public appearances are provided through special chapel exercises, the rhetorical exhibition, and the inter-society and inter-collegiate contests in debates and oratory.

1. **Practical Elocution**—A study of the philosophy of public speaking, the training of voice and body, exercises in declamation. This course, or its equivalent, must precede all other courses in the department. Two hours, second semester.

2. **Debating**— Pattee's Practical Argumentation supplemented by debates by members of the class. Three hours, first semester. 1912-1913.

3. **Advanced Debating**—Alden's Art of Debate, a continuation of Course 2, by which it must be preceded. Three hours, second semester. 1912-1913.

4. **Oratory**—History of American Oratory, principles of oratorical composition, study of masterpieces, composition and delivery of orations. Special attention is paid to the eulogy and the popular address. Three hours, first semester, 1911-1912.

5. **Oratory**—A continuation of Course 4, by which it must be preceded. History of English Oratory, study of masterpieces, composition and delivery of orations. Special attention is paid to forensic and after-dinner speeches. Three hours, second semester, 1911-1912.

6. **Shakespearean Drama** — Critical study of three of Shakespeare's plays. Presentation of selected scenes. Three hours, first semester. 1912-1913.

7. **Extemporization**—Principles of extemporization. Delivery of descriptions, narrations, expositions, arguments, speeches of introduction and after-dinner addresses. Two hours second semester. Required of seniors.

8. Interpretation of American Poetry — A study of the writings of our leading poets. Students will memorize and deliver assigned selections and present essays on designated topics. Three hours, first semester. 1912-1913.

9. Interpretation of English Poetry — The memorization and delivery of selected poems; the presentation of a critical paper; drills in oral reading. Three hours, second semester. 1912-1913.

10. Platform Reading—The preparation and public recital of an evening's program by each member of the class. The program may consist of miscellaneous readings, a lecture-recital, the monologuing of a standard drama or the dramatization of a standard novel. Two hours, first semester. 1911-1912.

11. Forensic Oratory—Snyder's Great Speeches by Great Lawyers. Forensic addresses by members of the class. Three hours, first semester. 1911-1912.

Courses 1 and 7 are required of all regular students; the others are elective.

MATHEMATICS.

FRANK N. NOTESTEIN, Professor.

1. College Algebra — This course includes Logarithms, Progressions, Binomial Theorem, Undetermined Co-efficients, Series and the Solution of Higher Equations. Four hours, first semester.

2. Plane and Spherical Trigonometry — In this course special attention is given to the functions of angles, the transformation of trigonometric expressions, Napier's rules of circular parts, the solution of problems and the application of Spherical Trigonometry to Astronomy. Four hours, second semester.

3. Analytical Geometry—

(a) This course deals with the straight line, and the conic sections. Three hours, first semester.

(b) Deals with higher plane curves, the general equation of the second degree and geometry of three dimensions. Three hours, second semester.

The object of these courses is to familiarize the student with the methods of analytical reasoning.

4. Surveying — This is an elementary course open to students who have taken Courses 1 and 2. Three hours, with field work during the spring term, second semester, 1911-1912.

5. (a) Differential Calculus—Course (a) includes a study of the rules and formulae for differentiation, expansion of functions indeterminate forms, application of the calculus to curves, maxima and minima. Five hours, first semester.

(b) Integral Calculus—This course includes a study of the Methods of Integration, the application of integral calculus to curves, areas, volume, moment of inertia, pressure, etc. Five hours, second semester.

6. An Advanced Course—Selected to suit the needs of the class; open to students who have taken Courses 5a and 5b. Five hours, 1912-1913.

7. Analytical Mechanics—

(a) This course treats of the fundamental principles of Mechanics, the composition and resolution of forces, center of mass friction, virtual velocity, machines, attraction, rectilinear and curvilinear motion. Five hours, first semester, 1912-1913.

(b) This course treats of the laws of motion, central forces, vis viva, impact, work and energy, moment of inertia, rotary motion, motion of a system of rigid bodies in space. Five hours, second semester, 1912-1913.

Courses 1 and 2 are required of all candidates for a degree; Courses 3 to 7 are elective.

Chemistry Laboratory

PHYSICS.

FRANK N. NOTESTEIN, Professor.

1. **Mechanics, Acoustics and Optics**—This course treats of the fundamental principles of mechanics, sound and light and includes a study of physical measurements, machines, the laws of motion, friction, work and energy, gravitation, the properties of solids, liquids and gases, wave motion, nature and propagation of light, reflection and refraction of light, photometry and illumination, the phenomena of color and wave length, nature of elastic bodies, forced vibrations and resonance, properties of musical sounds, laws of vibrating strings and wind instruments, with laboratory work. Three hours, first semester.

2. **Heat and Electricity**—The object of this course is to familiarize the student with the fundamental principles and laws of heat, magnetism and electricity. It includes a study of the nature of heat-effects, sources of heat-energy, mechanical equivalent, specific heat, molecular changes, transformation of heat energy, the general properties of magnets and magnetic fields, terrestrial magnetism, static electricity, general properties of electric changes, electric potential and induction, electric conduction,. electric measurements, electric appliances, electricity harnessed, with laboratory work. Three hours, second semester.

3. **An Advanced Course in Mechanics, Sound and Light**—Open to students who have completed Courses 1 and 2. It includes a study of the properties and conservation of matter, kinematics, sound sensation, tones and noises, the physical theory of music, architectural acoustics, dispersion of light and spectrum analysis, polarization and double refraction, with laboratory work. Three hours, first semester.

4. **An Advanced Course in Heat and Electricity**—Open to students who have completed Courses 1, 2 and 3. It embraces a study of the kinetic theory of matter, thermodynamics, calorimetry, the liquefaction and solidification of gases, radio -activity, electric statics, electro kinetics, thermo electricity, electro-magnetic mechanics, determination of electric constants, with laboratory work. Three hours, second semester.

CHEMISTRY.

FRANCIS E. WEST, Professor.

1. Advanced Inorganic Chemistry and Qualitative Analysis—This course must be preceded by the course in General Inorganic Chemistry as given in the Senior Year of the academy, or its equivalent. The first part of the course will deal with some of the more advanced problems of inorganic chemistry and will serve as an introduction to the qualitative work. The course includes the identification and separation of the various elements and groups of compounds as based upon the theory of ionization and dissociation. Texts: Morgan's Qualitative Analysis and West's Laboratory Outlines. Two recitations and four hours of laboratory work, first semester.

2. Qualitative Analysis—This course is a continuation of Course 1 and deals with the separation and identification of the constituents of the more complex commercial and natural products by both the wet and dry methods. Texts, same as in Course 1. Courses 1 and 2 constitute a year course in Qualitative Analysis. Two recitations and four hours of laboratory work, second semester.

3. Quantitative Analysis—Quantitative determinations are made of chemical compounds, commercial products, ores, and soils. Accuracy and neatness in the work are among the objects sought. Lincoln's and Walton's Quantitative Analysis is used for reference. One recitation and four hours of laboratory work, first semester.

4. Volumetric Analysis—A study of the methods of making quantitative determinations by means of solutions of known value, with laboratory work in calibrating the various pieces of apparatus used, in making normal and standard solutions, and in using these solutions in making quantitative determinations of the strength of acids and alkalies; also the use of these in making determinations of the amount of sodium, iron, copper, chlorine, etc., present in various compounds. One recitation and four hours of laboratory work, second semester.

Courses 3 and 4 together constitute a year course in Quantitative Analysis.

5. Organic Chemistry, Aliphatic Compounds—A study of the text, lectures and laboratory work in making synthetic preparations such as ethers, chloroform, ethyl bromide, acetal chloride, methyl amine, etc. Text: Perkin and Kipping's Organic Chemistry and Cohen's Practical Organic Chemistry, with laboratory outlines. One recitation and four hours laboratory work, first semester.

6. Organic Chemistry, Aromatic Compounds—A continuation of Course 5. Laboratory work in preparing such aromatic compounds as nitrobenzene, phenyl bromide, sulphanilic acid, aniline, malachite green and experiments with certain carbohydrates. Text, same as in previous course. Courses 5 and 6 constitute a year course in Organic Chemistry. One recitation and four hours of laboratory work, second semester.

7. Iron Ore Analysis—A technical course which has been planned to meet the needs of students who desire to work in the chemical laboratories of iron mining companies. The outlines used in the work include the methods used in the best iron mining laboratories of Michigan and Minnesota. Short but accurate methods are used for making determinations of the amount of iron, phosphorus, sulfur, aluminum, silica, lime, and manganese present in ores. One recitation and three hours laboratory work, first semester. 1913-1914.

8. Industrial Chemistry—A lecture course, with reference work, which will deal with chemistry in its relation to the various industries. Two hours, second semester. 1913-1914.

9. Foods and Food Analysis—A discussion of the nutritive value, nutritive ratio, composition, and adulteration of the various foods, with laboratory work in testing for adulterants and in making analyses of the various foods and food products. This course will be helpful to all who desire to know something of the value of the various foods from the standpoint of nutrition and to students who have in view the study of medicine or work as chemists in the various government food laboratories and in the laboratories of the Dairy and Food Commissioner. One recitation with reference reading and three hours of laboratory work, first semester. 1911-1912.

10. Plant Chemistry—A discussion of the subject of plant growth including such topics as carbon assimilation, nutritive solutions, balanced solutions, chemoptropism and fertility;

with laboratory work in making experiments with various chemicals and their effect upon plant growth. This course will be of interest to students of botany and plant physiology. One recitation and one hour laboratory work, second semester. 1911-1912.

Course 3 must be preceded by Course 1 or its equivalent.

Course 8 must be preceded by Courses 1, 3 and 4.

Course 6 must be preceded by Course 5.

Course 9 must be preceded bv Courses 1 and 5. Students taking other groups than the Mathematics-Laboratory Science and Chemistry-Biology, may take Courses 9 and 10 and receive credit in proportion to the amount of work done.

The courses should be taken in the order in which they appear and no credit will be given in a year course unless the full year's work is completed.

BIOLOGY.

HANSFORD M. MacCURDY, Professor.

The courses in this department are designed to meet the needs of those students who are seeking general culture and of those who wish a more special training in preparation for the work of teaching, for work in forestry, and for the study of medicine. The courses consist of laboratory work, field studies, lectures and quizzes. A judicious use of text and reference books is a part of the work. The museum is an excellent source of materials for illustration.

1 and 2. General Biology—The work in general biology is designed to give the student a knowledge of the general principles of biology developed from the study of typical forms of plants and animals. It also lays the foundation for more advanced work and helps to a better understanding of life phenomena and the literature which deals with biological subjects. In addition to the general principles, emphasis is laid on the methods of observation and the interpretation of biological phenomena. The course is open to all College students. Two laboratory periods and two recitations throughout the year.

3. Morphology and General Physiology of Plants—This course includes a study of plant forms and their development, the development and relationships of the different members of the plant body, plant cells and cell structures, plant tissues and their development and functions. Emphasis is laid on the interrelations of structure and function. Such texts as Strasburger, Coulter and Barnes, Vines, Stevens, Zimmerman's Microtechnique, and others are at hand. Two laboratory periods and two recitations, first semester. 1911-1912.

4. Ecological Botany—The work in this course depends upon the satisfactorv completion of course 3. It includes the study of the biological relations of plants, their adaptations and the chief factors determining plant distribution and associations. Warming's Plant Ecology, Clement's Research Methods, and such reading as is available from the basis of the course. Two recitations and three hours laboratory or field work, second semester. 1911-1912.

5. Field Zoology—This work includes both field and laboratory studies. It includes the study of functional and structural adaptations, variation, distribution and classification, together with the consideration of the biological and economic relations of the important group and species of insects and birds especially. The laboratory work includes the study of adaptive structures and life histories of typical forms. Two laboratory periods and one recitation, second semester, 1911-1912.

6. Comparative Anatomy of the Vertebrates—Lectures and recitations on the comparative anatomy and general physiology of vertebrates. The laboratory work is on vertebrate types which are studied with special reference to human anatomy and physiology. The course is of value to those preparing to teach and of special interest to those preparing for the study of medicine as well as of general interest to others, such books as Wiedersheim's Comparative Anatomy, Parker and Haswell's text book of Zoology, vol. II. Jennings and Reighard's The Cat, are the most useful references. Two laboratory periods and two recitations, first semester.

7. Laboratory Methods and Histological Technique—(General Histology). The general and some of the more special methods of histology are put to practical use in the study of the finer structures and the functions of the various organs, tissues and cells. Experience in the preparation of microscopical slides is gained. The recitations and lectures include comparative studies of the structure and function of the chief tissues and organs. For example, the comparative study of the nervous tissues affords a good foundation for the study of Psychology. The texts most used are Dahlgren and Koepner, Guyer, while such books as Hill, Huber, Stohr and Schneider are used as reference. Two laboratory hours and one recitation a week, second semester.

8. Organic Evolution, or Theories of Development—An elective course is offered to advance students in the study of the theories of evolution and the principles of heredity. The evidences for and against the theories are alike considered. The evidences of structure, development, palaeontology distribution and variation, and the factory of natural selection, inheritance, mutation and orthogenesis are treated non technically, with reference to their general bearing. Three hours, first semester. 1911-1912.

GEOLOGY.

HANSFORD M. MacCURDY, Professor.

This course is planned to give a general knowledge of geology by a student of the geological changes of the present and by presenting the chief facts and theories. A fair knowledge of dynamic, structural, and historical geology is sought, attention being given to the geology of the North American continent and the geological history of Michigan. A good collection of minerals, rocks and fossils is available for laboratory work. The course includes the use of a manual, lectures, selected readings, laboratory work and field studies. Three hours, two semesters, 1912-1913.

ASTRONOMY.

FRANK N. NOTESTEIN, Professor.

The aim of this course is to give the student a general knowledge of descriptive and mathematical astronomy. The instruction is based upon the use of a text-book, supplemented by lectures. Some time is given to the study of the heavens to enable the student to become acquainted with the names and positions of the principal stars and constellations. Three hours, first semester. 1911-1912.

GERMAN.

JANE MULLENBACH, Professor.

1. **Easy Reading in Nineteenth Century Prose.** This class will be conducted in German. Short compositions based on the text will be assigned once a week. This course is required of all third year students. Three hours, first semester.

2. **Continuation of Course 1.** Three hours, second semester.

3. **Schiller's Wilhelm Tell, Hermann und Dorothea, Egmont.** The class work will be in German as far as possible. Literary criticism and exposition will be given by the instructor. This course will be required of all fourth year students. Three hours, first semester.

4. **Continuation of Course 3**—Three hours, second semester.

5. **Dippold's Scientific German Reader**—This course is offered to students in the sciences who have had two years of German. Two hours throughout the year, 1911-1912.

Junior and Senior Electives.

6. **Schiller**—Thomas' Life of Schiller for study and reading. Die Braut von Messina. Translation and criticism. Three hours, first semester. 1912-1913.

7. **Course 5 Continued**—Translation of Wallenstein, with literary criticism. Three hours, second semester. 1912-1913.

8. **Goethe**—Iphegenie, translation, with critical study. Two hours, first semester. 1910-1911.

9. Faust—Translation, with critical study. Two hours, second Semester. 1910-1911.

10. Lessing—Hamburgische Dramaturgie, translation, with critical study. Two hours, first semester. 1911-1912.

11. Lessing—Laocoon. Translation, with critical study. Two hours, second semester. 1911-1912.

12-13. History of German Literature—Two hours throughout the year. 1912-1913.

***14-15. Teachers' Course**—Open to those who wish to teach German in the secondary schools. Two hours, throughout the year. 1912-13.

Seminar—Open to seniors. Two hours throughout the year.

1. The Storm and Stress Movement.
2. The Modern German Drama. Grillparzer, Hauptman, Sudermann.
3. The Modern German Novel. Frenssen, Raabe, Meyer.

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* (a) Practice in the art of teaching grammar, and one text in literature.

(b) One hour a week will be devoted to advanced prose work.

FRENCH.

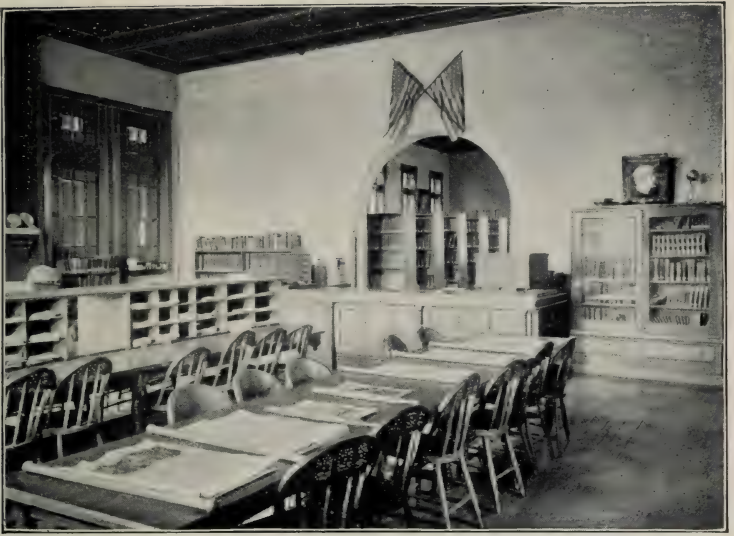
JANE MULLENBACH, Professor.

1. Fraser and Squair's French Grammar—Guerber's Contes et Legendes. Four hours, first semester.

2. Continuation of Course 1—Malot's Sans Famille. Four hours, second semester.

3. Prose Composition—Translation of Feuillet's Jeune Homme Pauvre. Outside reading, Merimee's Colomba. Four hours, first semester.

4. Prose Composition—Hugo's Quatre-Vingt Trieze. Outside reading. Loti's Pecheur D'Islande. Sight reading, Selections from Guy de Maupassant. Four hours, second semester.



Reading Room

Hood Museum Interior

5. **Moliere**—Le Misanthrope, Le Bourgeois Gentilhomme. Three hours, first semester. 1910-11.

6. **Hugo**—Hernani, Rostand, Cyrano de Bergerac. Three hours, second semester. 1910-11.

7. **Hugo**—Les Miserables. Three hours, second semester, 1912-1913.

8. **Balzac**—Le Pere Goriot. Three hours, second semester. 1912-13.

9. **History of French Literature**—With special attention to the Classical Period. Prescribed readings: Corneille's Le Cid, Racine's Athalie. Three hours, first semester. 1911-12.

10. **History of French Literature**—(Continued). Reaction and Rise of Romanticism; The Naturalistic School of the Nineteenth Century. Readings: Sands, La Mare au Diable; Balzac, Cinq Scenes de la Comedie Humaine; Zola's La Debacle. Three hours, second semester. 1911-12.

PHILOSOPHY AND RELIGION.

AUGUST F. BRUSKE, Professor.

1. **Biblical Theology**—Two hours, first semester.

2. **Biblical Pedagogy**—Two hours, second semester.

3. **Theism**—Three hours, first semester.

4. **Logic**—The principles of deductive and inductive reasoning are studied. The laws of thought and forms of argument are carefully explained and applied in the detection of fallacies in reasoning. Three hours, second semester.

5. **Ethics**—A discussion of the moral basis of conduct with the application deduced to the problems of life. Three hours, second semester.

6. **History of Philosophy**—An outline study of the various schools of philosophical thought from the Greeks to the present day. Three hours, first semester.

THE BIBLE AND THEISM.

The PRESIDENT and Professor CLIZBE.

Since the religious faculties are the highest and noblest, their training has been given the place of first importance. The instruction here given is in the broadest sense Christian. Nothing of a sectarian character is admitted. The purpose is to build up intelligent Christian manhood. We believe that this is the greatest need of our time.

The following semester courses are offered:

1. **The Life of Christ,** in which the student will be expected to master the Journeys and Events of Christ's life in their order. Two hours, first semester.

2. **The Founding and Extension of the Christian Church.** Two hours, second semester.

3. **Natural Theology and Evidences of Christianity.** Three hours, first semester.

PSYCHOLOGY AND PEDAGOGY.

———, Professor.

ALBERT P. COOK, Instructor.

Instruction in Pedagogics is offered to Juniors and Seniors in accordance with an Act of the Legislature of Michigan authorizing the State Board of Education to grant a teacher's certificate without examination, to any person who has received a Bachelor's, Master's or Doctor's degree from any college in this state having a course of study actually taught in such college of not less than four years, in addition to the preparatory work necessary for admission to Michigan University, and including a course in the Science and Art of Teaching of at least one college year of five and one-half hours per week.

This course embraces professional work in Applied Psychology, History of Education, School Law, School Systems, special methods in common branches, including the Kindergarten; a critical examination of the Reports of the Committees of Ten, Twelve and Fifteen, and the organization and management of schools.

Graduates from any of the college groups of study who complete this course of professional work will be recommended by the Faculty to the State Board of Education for a teacher's certificate, which will enable them to teach in the public schools of Michigan without examination.

The following courses are offered:

1. **General Psychology**—An introductory course, the aim of which is to study the facts and processes of the mind from the biological standpoint. Three hours, first semester.

2. **History of Education**—Two hours, first semester.

3. **School Management**—Two hours, second semester.

4. **Child Study and the Theory of Kindergarten**—One hour, first semester.

5. **Psychology**—Applied. Two hours, second semester.

6. **Principles and Methods of Teaching**—Two hours, first semester.

7. **School Law and School Systems**—Including a study of the school systems of at least five of the states, and of Germany, France and England. Two hours, second semester.

8. **A Course of Lectures on the Organization and Management of Schools**—Five essays on educational topics are required of each student during the course. A course of collateral reading is also required.

Opportunity is given to visit the various departments of graded schools to observe the methods of teaching. A written report of these observations is presented by each visitor to the class for discussion.

PHYSICAL TRAINING FOR WOMEN.

VIOLA H. WEIS, Instructor.

The demand for Physical Education is rapidly growing. It has become a self-evident fact that properly directed exercise will bring us to a normal state, giving health, development, control, freedom, grace and poise.

In the regular class work, which is required of every woman student, the pleasant recreation of the gymnasium is combined with the exercise best fitted to the needs of each pupil so that correct habits of position and use of body are formed, giving self-command, self-reliance and expression.

The graded course, which is offered, covers two years of training for which two hours' credit is given for satisfactory work done. The classes meet three times a week, Monday, Wednesday and Friday and the course consists of drill in Swedish and German Gymnastics, floor work (dumb-bells or wands), apparatus work (horse, ladder, parallel bars, etc.), games and fancy steps.

The purpose is to improve the organs of the circulatory, respiratory and digestive systems; to give perfect control to voluntary motion, training the body to obey the commands of the will with the least waste of energy. Relaxing and breathing exercises which Americans need so much, bring rest to the over-tired nerves. In order to secure the proper position, to correct the bad posture, round shoulders, flat chest, etc., it is necessary to give special prescriptions of corrective exercises.

A special class in rhythm work is provided for and required of students of the Vocal Music and Kindergarten Departments. The aesthetic perceptions, the emotions and sentiments take command here and the positions and movements of the body become their expression.

With the complete set of measuring instruments, purchased and donated recently by a friend of the College, it is possible now to measure and examine each girl thoroughly. This examination is made when the pupil arrives, and exercises are prescribed by the instructor to correct any irregularity or weakness in development noted at the time. In the spring the measurements are taken again so that the pupil and instructor may see the result of the winter's work.

Aside from the required work, various sports and games are encouraged in season. During the winter a regular schedule of class basket-ball games is played to decide the class championship of the College. In the spring and fall months special attention is given to tennis and outdoor sports. The regular tournament deciding the College tennis championship is held in May.

All students taking the work are expected to wear the regulation suit which consists of a blouse and bloomers made of black material, preferably brilliantine.

PHYSICAL TRAINING FOR MEN.

DENNIS H. GRADY, Instructor.

Special attention is given to the health and physical welfare of the men of the College. In order to perfect this, physical training work has been put on a credit basis; two hours credit being required of each student before graduation.

During the spring and fall months, out-door work is emphasized through competition for positions on the various teams, namely, baseball, football, track, tennis and cross country running. These teams are open to all and everyone is urged to take part in some one of them.

Regular work on these teams makes toward the required athletic credit.

During the winter months, from November 1st to April 1st, regular gymnasium practice is required of all Freshmen and Sophomores.

This work consists of two hours of class work each week, regular class periods being scheduled for this purpose, this being equal to one hour's credit.

The work is divided into two grades, that for Freshmen consisting of marching, calisthenic work (both free hand, dumb bells, Indian club and wand drills), and also the simpler apparatus work on the horse, the bars and the ladders. The second year men and those judged by the instructor to be more proficient in that line of work are given more advanced work in calisthenics and heavy apparatus work, and are in turn given practice in leading the other classes.

The work is planned so that every man will be engaged during a part of his college year in some form of athletics.

While the emphasis is not so much on the production of expert athletic teams, as upon the general participation in some form of athletics of all the men of the College, the teams that represent Alma in contests with other Colleges rank high among those of the Colleges of the Michigan Intercollegiate Association.

An incidental fee is required of each student, which gives him the use of a private locker and all the privileges of the field and gymnasium, and also admits him free to all athletic contests.

Students who are below grade in more than three hours work cannot compete in any intercollegiate contest, and students who are below in more than two courses must drop out of all athletic teams until their work has been made up.

Soon after the student enters he will be subjected to a careful physical examination and measurements. Exercises in the gymnasium will then be prescribed appropriate for his needs.

SCHOOL OF PEDAGOGY

INSTRUCTORS.

....

Professor of Psychology and Pedagogy.

ALBERT P. COOK,
Instructor in Pedagogy.

CAROLEEN ROBINSON,
Principal of Training Department.

BESS LOU FARLEY,
Model Kindergartner.

JAMES E. MITCHELL,
Social Science.

HANSFORD M. MacCURDY,
Biology.

KATE L. BOOTH,
Drawing.

MARGARET E. HAUGHAWOUT,
English.

MRS. JOSEPHINE ST. JOHN,
Voice.

GRACE D. ROBERTS,
Piano.

JAY CLIZBE,
English Bible.

I. OBJECTS AND ADVANTAGES.

The importance of an adequate preparation for the profession of teaching has led to the unifying of the work of pedagogical instruction in this institution under the title of the School of Pedagogy. The school is divided into three departments, viz: Pedagogics, Kindergarten Training and Normal Instruction, each of which is independent of the others, and yet has certain points of contact with them. Through this correlation the student secures very substantial advantages in the stimulus that comes from contact with workers whose aims are similar to his own, and in the clear view it gives him of the place that his own work occupies in the field of educational effort.

All the rich opportunities for culture that a thoroughly equipped college affords may be utilized here by the members of this school. Among these may be mentioned classes in drawing and vocal music, lectures on special and general topics, a fine library whose pedagogical section is especially rich in the latest works on pedagagy, a reading room on whose tables are found the foremost periodicals of a professional character, and well equipped laboratories for special work in science. A perusal of this catalogue should convince the most skeptical that a course of training for teaching which is pursued in such an environment has the promise of most valuable results both in general culture and in special fitness for the work of training the young.

A committee of the Faculty has special charge of securing positions for graduates of the school, and every effort is made to be of assistance to them in this matter.

II. DEPARTMENTS AND COURSES OF INSTRUCTION.

PEDAGOGICS.

The courses in this department are offered to the members of the Junior and Senior classes in the College. For the description of the work see page 34.

The Founder's Room

The Kindergarten Room

KINDERGARTEN TRAINING.

Purpose.

The young woman of the twentieth century has a double problem to face, namely, that of educating herself to be an efficient member of society, thoroughly equipped to meet the demands of our present day civilization as a home maker, and also to meet the possible need of self-support.

The question which arises is, What line of work can a girl pursue which will meet the double problem with the maximum benefit to the individual and society and require the minimum amount of adjustment when she takes up the work of home-making?

The kindergarten training offers one of the best means of solving this double problem, for it develops the young woman along the broadest cultural lines, and at the same time gives her an ability to meet the economic problems of her life. The Kindergarten is already well established as an integral part of the school system of this state and the demand for trained teachers increases each year.

Requirements for Admission.

A diploma of graduation from a four years' English or Scientific course of High School grade or its equivalent.

The student must be at least eighteen years of age. She must have good health, patience, adaptability, willingness to work, and some knowledge of music. An ability to play and sing greatly enhances the pupil's chance of successful work, and should be acquired before graduation.

Requirements for Graduation.

A student must have completed three years of theoretical and practical work to the entire satisfaction of the faculty. Upon completion of three years of work and demonstration of the pupil's abilitv to direct a kindergarten, the College confers its diploma which carries the degree of Ped. B.

At the end of the second year of satisfactory work, a State Life Certificate is given. The work done in the first two years of this course offers an experience parallel to that of the best two-year training schools in this country. The recognition given by the state in conferring its certificate at the end of the first two years points to its equality with the courses offered in the State Normal Schools. The work of this course is so arranged that those completing the three years are given College credits, which enables them to take the degree of B. S. upon completion of a fourth year of work.

A well-equipped modern kindergarten under the direction of an experienced teacher affords students an opportunity for practical experience in the work, under careful supervision.

Special Features.

1. College work with regular professors.
2. Special lectures by members of the college faculty and other educators of note.
3. Practice under the supervision of expert teachers.
4. The broadening and cultural effect of college life.
5. The experience of dormitory life, which gives the young woman actual knowledge of community life with its adjustment of the individual to life as a whole.
6. Work in the music and art departments at a nominal added expense.
7. Certain studies with college professors in the regular college course, entitling the students to recognized college credits for work completed.
8. Special attention to individual needs.
9. Practical as well as theoretical child study.
10. A Literary Society organized with the approval of the faculty, conducted by the student body. It is known as the Froebel Club, and its aim is the development of correct literary expression and an assurance of manner, poise, and confidence in addressing the public.

NORMAL INSTRUCTION.

This department offers a course of four years which, in addition to the academic work, includes professional instruction in History of Education, School Organization and Management, School Law and School Systems, Child Study and Theory of the Kindergarten. The instruction is thorough, comprehensive and practical, and gives ample preparation for securing a First Grade Certificate.

Students who furnish certificates of academic work done elsewhere may be admitted to advanced standing, and thus be able to complete the course in less than the prescribed time. A certificate will be given to those who finish the work of this department.

III. OUTLINES OF THE COURSES OF STUDY.

PEDAGOGICS COURSE.

First Semester		Second Semester	
History of Education	2	School Management	2
Child Study	1	School Law	2
Principles and Methods	2	Pedagogical Lectures	1
		Applied Psychology	2

As supplementary to the above course of study, four essays, a thesis and a course of reading on educational topics, are required.

KINDERGARTEN TRAINING COURSE.

Freshman Year.

First Semester		Second Semester	
Biology	3	Biology	3
English	3	English	3
Bible	2	Music	2
Music	2	Gift Work	2
Kindergarten Theory	3	Occupation	2
Gift Work	2	Theory	3
Occupation	2	Ethics	1
Ethics	1	Games	1
Gymnastics	2	Gymnastics	1

Sophomore Year.

First Semester		Second Semester	
Gift Work	2	Biology	2
Occupation	2	Gift Work	2
History of Education	2	Occupation	2
Theory	2	History of Education	2
Teaching	6	Theory	2
Mother Play	1	Teaching	6
Psychology	2	Mother Play	1
Electives	3	Child Study	2
Gymnastics	2	Songs and games	1
		Electives	3

Junior Year.

First Semester		Second Semester	
Pedagogy	1	School Management	2
Education of Man	1	Pedagogy	1
Mother Play	1	Education of Man	1
History of Architecture	1	Mother Play	1
Hand Work	2	Hand Work	2
Theory	7	Theory	7
Electives	6	Electives	6

The morning is spent in Kindergarten and Primary teaching under supervision.

Senior Year.

First Semester		Second Semester	
Theism	3	School Systems and Laws	2
Principles of Sociology	3	Ethics	2
Psychology	3	Extemporization	2
Pedagogical Lectures	1	Electives	10
Electives	6		

THE ACADEMY

I. GENERAL STATEMENT.

The Academy of Alma College was founded to provide facilities for securing an exact and adequate preparation for college work, as well as to meet the needs of those who might wish to enjoy the benefits of a thorough academic training in preparation for the work of active life.

In view of the fact that the majority of the local communities of this state are now adequately served educationally by their own high schools as far as the eleventh grade, it has been decided to discontinue the first year of the Academy, retaining the last two years, which correspond to the eleventh and twelfth years in the public schools. The work of these two years has been rearranged so as to make the transition from school to college as inconspicuous as possible. To this end great care has been taken to provide skilled instruction and the needful material equipment in the form of library and laboratory facilities. Those students who desire to pursue their preparatory work under the best auspices will appreciate the advantages offered here.

Graduates of this Academy are prepared to enter the freshman class of any college of standard grade in this country.

II. THE TERMS OF ADMISSION.

To be admitted without condition to the Junior class, an applicant must have completed the work of the tenth grade in the public schools. Instruction in beginning Latin is provided for such as need it. Certificates of standing in ninth grade and tenth grade work done in accredited schools will be accepted; otherwise, the applicant will be examined in the subjects required for entrance.

Applicants for higher standing will be examined in the studies previously pursued by the class they desire to enter, with the exception of those who present certified statements of work done in accredited schools.

III. THE COURSES OF STUDY.

Three courses, each extending through three years, are provided, which severally lead up to the corresponding groups in the College, viz: The Classical, Philosophical, and Scientific. Each of these courses, however, is complete in itself and may be pursued with profit by the student with limited time and means for gaining an education.

IV. OUTLINES OF THE COURSES OF STUDY.

Junior Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Cicero	5	Cicero	5
Greek Lessons	5	Greek Lessons	5
English	4	English	4
Higher Algebra	3	Higher Algebra	3
Physics	3	Physics	3
Bible	2		

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
English	4	English	4
German	5	German	5
Higher Algebra	3	Higher Algebra	3
Physics or Zoology	3	Physics	3
Bible	2	Botany	3
American History	3	American History	3

Senior Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Vergil	4	Vergil	4
Anabasis	5	Anabasis; Homer	5
Geometry	5	Geometry	5
English	3	English	3
Bible	2	Rhetoricals	1

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
English	3	English	3
German	5	German	5
Geometry	5	Geometry	5
Chemistry	3	Chemistry	3
Bible	2	Rhetoricals	1

The figures indicate the number of recitations a week. The recitation period is 55 minutes in length.

The Philosophical course is the same as the Classical with the exception of German in the place of Greek.

ENGINEERING COURSE.

For the convenience of students desiring to take a course in Mining, Electrical or Civil Engineering, the following course has been prepared.

Students completing this course will be admitted without examination to the College of Mines at Houghton, Mich., for mining engineering; to the Armour Institute, Chicago, for electrical engineering; and to any of the engineering courses of the University of Michigan.

First Year.

First Semester.		Second Semester.	
Geometry	5	Geometry	5
German	5	German	5
English	4	English	4
Physics	3	Physics	3
Bible	2		

Second Year.

First Semester.		Second Semester.	
German	5	German	5
English	3	English	3
College Algebra	4	Trigometry	4
Chemistry	3	Chemistry	3
Zoology	3	Botany	3

V. DESCRIPTION OF COURSES.

LATIN.

1. Beginning Latin. Careful attention is paid to the mastery of inflections and the essential rules of syntax, and to the acquisition of a good vocabulary. Bennett's Latin Lessons and Grammar are used.

2. Caesar. The work includes the reading of four books of Caesar's Gallic War, or an equivalent, with frequent practice in prose composition. The text-books used are Walker's Caesar and Bennett's Latin Composition.

3. Cicero; Ovid. The Junior year is devoted to the reading of five orations of Cicero and one thousand lines of Ovid. The work in prose composition is continued and in connection with the Ovid, the study of hexameter verse is begun. Text-books used are Bennett's Cicero, Bennett's Composition, and Kelsey's Ovid.

4. Vergil; Ovid. In the Senior year, six books of the Aeneid are read. The literary and rhetorical features of the work are noted, and the study of hexameter verse continued. Bennett's Vergil is used.

GREEK.

1. Beginning Greek. In the first year of the study of Greek, the student's efforts are chiefly directed towards the mastery of the inflections as a foundation for future work. The subject is presented systematically with frequent reviews and other tests. The principles of syntax are presented inductively. Proper methods of study in relation to the training of memory and reason are emphasized. Text-book: White's First Greek Book.

2. Seccnd Year Greek. The reading of easy selections leads up gradually to the study of the Anabasis in the first semester of the second year. This is followed by the reading of three books of Homer's Odyssey. Sight reading, prose composition, and a detailed study of the geography of Greece are included in the year's work. Text-books: Harper & Wallace's Anabasis and Seymour's Odyssey.

The Library

MATHEMATICS.

1. **Higher Algebra.** Through Equations of the First Degree. Three hours, first semester.

2. **Higher Algebra.** Completed. Three hours, second semester.

3. **Geometry.** Five hours, first semester.

4. **Geometry.** Completed. Five hours, second semester.

SCIENCE.

1. **Botany.** Botany is required of the students in the Scientific Course in the second semester of the Junior year. The work includes the study of the organs and the life processes of the higher plants. This involves both field and laboratory work. One hour of recitation and four hours of laboratory work a week.

2. **Zoology.** Zoology is studied in the first semester of the Junior year, and is required of students in the Scientific Course. One hour of recitation and four hours of laboratory work a week.

3. **Physics.** The aim in teaching Physics is to combine the recitation and the laboratory method. A good text-book is put into the hands of the pupils. Accompanying the recitation, general experiments are given to illustrate the principles of the science. The student is then admitted to the laboratory and performs a series of experiments, making his own measurements and computations and entering them in his laboratory note-book. This note-book is a part of the permanent results of the study for which credit is given. Two hours of recitation and two hours of laboratory work per week throughout the year.

4. **Chemistry.** General Chemistry is required of students in the Scientific Course throughout the Senior year. The text used is Brownlee's First Principles of Chemistry. The work is of such a nature as to give data from which the student may himself derive the more important laws governing chemical reaction. Students are required to make a careful written

record of facts observed and drawings of apparatus used, and to write all reactions. One laboratory period and two recitations throughout the year.

ENGLISH.

1. American Literature. History of American Literature by Brander Matthews, first semester. Selections, second semester. Whittier's Eternal Goodness, Last Week in Autumn, Toussaint L'Ouverture, Bryant's Thanatopsis, Forest Hymn, To a Waterfowl, Lowell's Vision of Sir Launfal, The Changeling, The Courtin', Emerson's Essay on Compensation, Hawthorne's Great Stone Face, Irving's Sketch Book, Poe's Poems. Four hours throughout the year.

2. History of English Literature, and Masterpieces. Selections from Anglo-Saxon Literature, Chaucer, Spenser, Bacon, Shakespeare, Milton, Dryden, Addison, Pope, Goldsmith, Burns, Scott, Byron, Wordsworth, DeQuincey, Macaulay, Browning and Tennyson, as outlined by Painter in Introduction to English Literature. Three hours throughout the year.

GERMAN.

It is the aim of this department to give a thorough grammatical and conversational knowledge of German. The first year's work is devoted to Elementary Grammar, including declensions, conjugations and translations of English exercises every day, and conversational drill.

The German script is used and the conversation of the class-room is in German as far as possible.

The second year is devoted to a more advanced study of the best authors, and one day each week is devoted to prose composition.

1. Joynes-Meissner German Grammar. Guerber's Maerchen und Erzaehlungen, I. Five hours, first semester.

2. Grammar Continued. Immensee. Conversation and composition based on the text. Five hours, second semester.

3. Grammar Continued. Im Vaterland. Prose composition, sight reading. Guerber's Maerchen und Erzaehlungen, II. Five hours, first semester.

4. **Grammar Continued.** Minna von Barnhelm. Soll und Haben. Five hours, second semester.

ENGLISH BIBLE.

1. **An Outline of Old Testament History for Young Students.** Two hours, first semester.

2. **The History of the Jews from Solomon to the Time of Christ.** Two hours, first semester.

THE SCHOOL OF MUSIC.

INSTRUCTORS.

MRS. JOSEPHINE ST. JOHN,
Director.
Voice Culture, Harmony and Theory.

GRACE DUNGAN ROBERTS,
Principal of Piano Department.
Pianoforte, Pipe-Organ.

MINNIE M. CHEESMAN,
Pianoforte, Music Building, and Normal Methods.

RENA RUSSELL-GRAHAM,
Violin.

LEORA JOHNSTON,
History of Music, Voice Culture and Sight Reading.

Four courses of study are offered: Pianoforte, Voice Culture, Pipe Organ, and Violin. Upon the completion of any of these courses with satisfactory public performance, a diploma will be given.

I. PIANOFORTE COURSE.

This course is divided into five grades. The time required for its completion will depend upon the talent and application of the pupil.

Harmony, Musical History and either Voice, Pipe-Organ, or Violin, grades I and II, are required. Ensemble work both in sight reading and in mastering concerted works is expected.

Careful attention is given to the laying of a thorough foundation in technique, and much attention is given to tone production.

The habit of intelligent and careful practice and study is insisted upon. This foundation established, the musical education of the pupil is continued with as much attention to detail and to breadth of study as the limits of the course will permit. Such works of both classic and romantic composers are chosen, as will develop the student technically and musically to the best advantage.

While correct habits and methods are inculcated, the individuality of the student is developed as far as possible. The following list of compositions is suggestive only of the work required, much freedom of selection being exercised to meet the needs of the individual pupil.

Grade I.

Lebert and Stark—Pianoforte School, Part I; Koehler—Practical Method; Loeschhorn, op. 65; Gurlitt, op. 140; Beihl, op. 44; Duvernoy, op. 176; Czerny, op. 39; Sonatinas by Clementi.

Grade II.

Lebert and Stark—Pianoforte School, Part II; Koehler, op. 50 and 242; Loeschhorn, op. 66 and op. 52; Concone, op. 24; Bach,—Easy Preludes and Fugues; Sonatas by Reinecke Krause and Clementi; variations by Beethoven.

Grade III.

Czerny—School of Velocity; Heller, op. 46 and op. 47; Bach—Two and three voiced Inventions; Kullak—Octave School, Books I and II; Loeschhorn, op. 67; Sonatas by Haydn and Mozart; Pieces by Hummel, Mendelssohn, Heller, Grieg, Godard, etc.

Grade IV.

Cramer; Czerny—50 Daily Studies; Bach—French and English Suites; Mozart and Beethoven Concertos; Jensen—Studies, op. 32; Beethoven—Sonatas; miscellaneous studies and pieces by Moscheles, Tshaikowsky, Schubert, Field, Weber, Moszkowski, Leschetizky, etc.

Grade V.

Czerny, op. 740; Clementi—Gradus ad Parnassum; Bach—Well-Tempered Clavichord; Czerny—Legato and Staccato, op. 335; Tausig—Finger Exercises; Compositions by Schumann, Chopin, Saint-Saens, Liszt and the modern composers.

II. VOCAL COURSE.

This course comprises Vocal Culture, Harmony, Musical History, and Pianoforte, Grades I and II.

The vocal work is divided into five grades, corresponding to the pianoforte course; but no definite time is fixed for the completion of any grade of the course, as the talents and application of the student determine the rapidity of his progress.

The purpose of this department is to cultivate the art of singing, physiologically and aesthetically. At the same time something beyond mere technical skill is arrived at, in that a musicianly style of singing, together with an appreciation of and ability to render the works of the great masters is earnestly striven for. The Orgeni method, developed from the Lamperti and the Viardot Garcia systems of instruction is used.

Grades I and II.

The different actions of the vocal chords throughout the various registers are established and the same carefully blended. Diaphragmatic breathing is thoroughly grounded; technical exercises to be sung mezzo de voce are given for the purpose of producing purity of tone and acquiring a good legato and flexibility. Solfeggi from Scharfe's first book; Sieber's Elementary Vocalises; Marchesi's op. 5.

Grades III and IV.

The natural purity, richness and range of the voice are carefully extended, enunciation and intonation are thoroughly considered. Vocalises and Solfeggi during the work in these grades are selected from Sieber, op. 129 to 143 inclusive; Marchesi, op. 6; Concone op. 10; and Scharfe's Second Book. Ballads and songs are used extensively. Practice in ensemble, in duet, trio, quartet, choir, and chorus is furnished.

Grade V.

In this grade artistic development in regard to tone in sostenuto and pianissimo is carried on, the range of the voice is carefully extended and accuracy and brilliancy in technical execution are further advanced. Vocalises are selected from Scharfe's Book III; Concone's op. 12; Rigini's, Marchesi's op.

7; Bordongni's studies for phrasing and flexibility. A repertoire of church and concert music is prepared. Arias from the operas and oratorios are studied. Ensemble singing is continued.

III. PIPE ORGAN COURSE.

Students entering this course must have finished the first and second grades in the regular course of pianoforte playing. History and Harmony are required.

Grade I.

Study of Manual Touch, Pedal-playing and Elementary Registration; Dunham's Organ School Books I, II, III and IV; Stainer's Organ Primer; Whiting's First Studies; Easy Pieces arranged by Shelley, Clark, Barrett, Orem, Warren, etc.

Grade II.

Bach—Vol I; Rink—Best Organ School; Lemmens—Organ School, Part II; Practical Service Playing; Easy Pieces by Merkel, Dubois, Callaerts, Tombelle, etc.

Grade III.

Bach—Vol. II; Buck—Studies in Pedal Phrasing; Clark—Study of Registration; compositions by Buck, Guilmant, Dubois, Thayer, Lefebure-Wely, Lemaigre, Batiste, etc.

Grade IV.

Bach — Vol. III; Mendelssohn — Preludes and Fugues; Sonatas by Mendelssohn, Guilmant, Lachner, Rheinberger, etc. Pieces by Capocci, Smart, Calkin, Widor, etc.

IV. VIOLIN COURSE.

This course comprises the study of the Violin, Harmony, Musical History and Pianoforte, grades I and II.

Ensemble playing is made a special feature. Pupils have the privilege of participating in duets, trios, quartets, rehearsals of the string orchestra class and the pupils' recitals which are given at intervals during the year.

Grade I.

Easy exercises, studies and pieces. Intervals, embellishments, etc.

Grade II.

Diatonic and Chromatic scales in all positions, bowing exercises, intervals. Selected solos of Dancla, DeBeriot and others.

Grade III.

Intervals. Bowing exercises. Studies by Kreutzer and Alard, op. 16. Violin sonatas by Haydn, Mozart, Schubert, etc.

Grade IV.

Remainder of Kreutzer Studies Nos. 30 to 40; exercises by Leonard and Schradieck. Rode's 24 Caprices. Bow studies by Meerts. Violin Sonatas by Beethoven, Schumann, Grieg and others. Concertas by Viotti, Rode and Kreutzer. Pieces of classic and modern form.

Grade V.

Studies by Dont and Paganini. Concertos by Spohr, Mendelssohn, Beethoven. Brilliant concert solos by DeBeriot, Bazzini, Wieniawski, Vieuxtemps and others. Playing at sight of first violin part of Beethoven's String Quartets.

Ensemble Singing.

Advanced pupils in voice are given the opportunity to do ensemble work in the duets and trios of Jadassohn, Rubenstein, Schumann and the concerted works of the other composers.

The Choral Society prepares for public performance choruses, cantatas and selections from the operas and oratorios. It is open to all students. Entrance tests as to quality of voice and ability to read music are required of all. Credit will be given for regular attendance at chorus and choir practice.

Pianoforte Ensemble Class.

Advanced pupils in pianoforte are admitted to the Ensemble Class, which meets once a week to study the Beethoven Symphonies.

The Gymnasium

Harmony and Musical History.

Classes in these subjects are open to students who have entered upon the third grade.

Harmony—two years.

Musical History—one year.

Frequent reviews and tests are required, and examinations are given at the end of each semester. Candidates for graduation are required to pass a satisfactory examination in all of these subjects.

Public School Singing.

The object of this course is to fit those who are otherwise qualified, for the supervision of music in public schools. To receive a diploma students must have had two years of Harmony and at least two years each of Voice and Piano, a year of History of Music, from one to two years of Methods and Sight Reading, according to the ability of the student, and Psychology as pursued in the Kindergarten Course. Graduates from this course will receive a certificate from the state entitling them to teach in the public schools.

Sight Singing.

A class in the rudiments of musical notation and reading music at sight is conducted during each year. It is open to all students of the College. Special classes of three or four will be formed for more thorough and extensive work.

MUSIC BUILDING.

The aim of this course is a good foundation upon which to build the music education and the forming of a correct musical taste. The time required for the completion of the course depends upon the age and ability of the pupil.

Grade I.

Sight reading, ear training and rhythm work. Five finger exercises, scale and chord formation, ensemble playing for concentration and time. Stories of the composers. Easy pieces and studies.

Grades II and III.

Sight reading, ear training, rhythm work. A thorough knowledge of the major and minor scales. Intervals, chord formation, etc. Mason and Wiehmeyer Studies for touch and technique. Studies: Kohler, Loeschhorn, Gurlitt, Lambert, Schumann. Pedal study. Ensemble. Lessons in Musical History. For these grades "The Dunning System of Music Study" is used.

Grade IV.

Sight reading, theory, ear training.

"First Studies in Music Biography" (Tapper). Studies by Lambert, Czerny, Heller, Loeschhorn, Schumann. Leschetizky technique.

Grade V.

Sight reading, ear training, theory, continued. The Faelton System for memory work and transposing. Leschetizky technique. Modern composers. Selected studies from Bach, Haydn, Mozart, Mendelssohn, Czerny, Heller. Ensemble work.

RECITALS.

In addition to faculty recitals, artist recitals are given during the year.

By means of the pupils' recitals and numerous entertainments, an abundant opportunity is given the pupils for public performance.

The following concerts and recitals have been given under the auspices of the School of Music during the past year:

April 15, 1910. Pupils' Open Class Day.

May 10, 1910. Annual Recital of the School of Music.

June 14, 1910. (Afternoon) Song Recital by Miss Hazel Bahlke.

June 14, 1910. (Evening) Piano Recital by Mons. Emiliano Renaud, of Indianapolis Conservatory of Music.

June 15, 1910. Piano and Song Recital by Misses Theo Amsbury and Leora Johnston.

October 4, 1910. Violin Recital by Miss Reena Russell-Graham.

Chapel and Church Choirs.

Practical work in ensemble singing is required of advanced students of Voice Culture and Public School Music, in connection with regular attendance in the chapel and college church choirs.

Musical Kindergarten.

For young pupils working in class.

Games and ingenious devices, blackboard, dumb piano, charts, etc., are used, to interest the child and hold attention.

The beginnings of musical history are explained through stories, pictures, etc.; the sense of rhythm is developed, the ear trained to recognize correct pitch. Musical notation and sight reading are taught.

Physical Training.

Music students are required to attend a special class in rhythm arranged to enhance their appearance in concert and recital.

Literary Requirements.

Graduates from any one of the courses in Music must have the following literary studies: Two units of French, two units of German, two units of History; one unit of Elementary Science, four units of English, including College English 1 and 2, and Elementary Psychology. Italian may be substituted for either French or German.

Miscellaneous Items.

Music students are allowed to take language study to the extent of five hours per week without extra charge.

No student of the department is allowed to take a musical part in a public performance without the permission of the teacher with whom he is studying.

No deductions are made for lessons missed except in case of protracted illness. In such case, the College shares the loss equally with the student.

The department possesses a library of well-chosen music, to which the students have access.

THE SCHOOL OF ART

KATE L. BOOTH,
Principal.

I. OBJECT.

The object of this School is to develop the power of observation, and to train the eye and hand to produce what is seen;

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The School is furnished with a good assortment of casts, a large addition having been made in recent years. A kiln for the firing of china has also been provided, which further increases the efficiency of the Decorative Department.

II. COURSES OF STUDY.

First Year.

Elementary principles of Drawing and Perspective in Pencil and Charcoal.

Drawings from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

Second Year.

Sketching and Drawing from Still Life.

Grouping and Composition.

Third Year.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

Fourth Year.

Painting from Life and Nature exclusively.

The class in sketching from Nature is continued throughout the Spring and Fall, as the season permits. This branch of the department, as well as sketching from life, receives special attention.

The work of the pupils will be on exhibition during Commencement Week.

It is especially desired that all students entering for a course in Art should be present at the opening of the semester.

GENERAL INFORMATION

Suggestions to Applicants for Admission.

The requirements for admission to the College are presented on pages 9 to 12; to the Academy, on page 45. For an understanding of the nature and scope of the courses of study of the College, the applicant should study the description of the courses given on pages 16-38. The table of contents at the end of this Catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a semester, so as to conclude all necessary arrangements. A list of rooms and boarding places may be consulted at the College office in the main building. Young women may repair directly to Wright Hall and consult the Dean with regard to matters of personal interest.

Letters of inquiry may be addressed to the President or to the Dean of Wright Hall.

Admission and Dismission.

Applicants for admission to any department of the institution will first report to the President for registration. They must present testimonials of good character, and those who are from other institutions of learning must furnish certificates of standing and honorable dismission. If they desire to enter any of the College courses, they will then report to the Registrar; if any of the schools, as Art, Music, etc., they will report to the Principal of the school. Those who do not bring diplomas or certificates from accredited schools will then be sent to the different instructors for examination. As soon as the applicant is informed of his admission, he will repair to the Secretary of the College and pay his first semester's bill.

All students admitted to the institution will be on probation for the first three months. If during this period a longer stay is by the Faculty deemed inadvisable in the case of any student, he may be so informed privately and permitted to withdraw.

Any student may at any time be privately dismissed if the Faculty deem his further connection with the school undesirable.

Any student against whom there are no unpaid bills nor charges of misconduct is entitled to an honorable dismission.

Studies and Examinations.

No student may take up a study out of the order prescribed in this catalogue or drop a study once entered upon without the consent of the Faculty.

No student shall be allowed to take more than the number of hours of work scheduled for his class without the permission of the Faculty.

Students whose class-work is unsatisfactory will not be allowed to represent the institution as delegates to conventions or members of athletic or oratorical teams.

Examinations are held at the close of each semester and at intervals during the semester at the discretion of the instructors. The results of the semester examinations are reported to parents and recorded for future reference.

If at any examination the standing of a student is unsatisfactory, he shall be duly informed and notice shall be sent to his parents or guardian. If there be no improvement, the student may be dismissed from college.

Conditions must be removed within one year from the time of the examination.

Degrees and Certificates.

The degree of Bachelor of Arts is conferred upon graduates from Group I; that of Bachelor of Philosophy upon graduates from any of the Groups II to VI and IX, and that of Bachelor of Science upon graduates from Group VII or VIII and the four years' Kindergarten Training Course.

A Master's degree in any of the above-mentioned groups will be conferred only on graduates of two years' standing who shall have pursued advanced studies under the direction of the Faculty, and given satisfactory evidence of adequate attainments.

Students who complete the prescribed course in the Academy, the Pedagogical, the Music or the Art School, will receive certificates of the fact.

Rules for Classifying College Students.

1. For Sophomore standing a minimum credit of 35 hours is required; for Junior standing, 65 hours; for Senior standing, 105 hours.

2. No student shall be classified as a Sophomore who has any entrance conditions; or as a Junior, who has any Freshman conditions; or as a Senior, who has any Sophomore conditions.

Location and Advantages.

The flourishing city of Alma is situated in Gratiot county, about thirty-nine miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Pere Marquette and Ann Arbor railroads renders it easily accessible. The town has good sewerage and an excellent system of water works, and experience proves that it is exceedingly healthful. The moral tone of the community is high, its church privileges abundant and its public school system fully organized and efficient. **There are no saloons in Gratiot county.** Those who have children to educate and who desire to surround them with the influence of home life will make no mistake in choosing Alma as a place of residence.

Plans for Further Beautifying the Campus.

A very important conclusion was reached by the Board of Trustees at its recent meeting in February. Mr. A. B. Yeomans, landscape architect of Chicago, Ill., submitted plans in harmony with which the future adornment of the campus might be carried forward. These were reported upon by a special committee and were adopted. They contemplate three additional buildings: an auditorium, which is to be the home of the School of Music; a dormitory for young men, and another building the purpose of which is to be determined by the evolution of the college. These, as well as the structures now standing, are to be surrounded by trees and shrubs, the kinds and places of which are fully designated in the plans. Hereafter all attempts at beautifying the grounds will be undertaken in harmony with these plans. By the kindness of Mrs. Francis King of this city it was made possible to secure these plans, and by a legacy of $500 left by Clem Naldreth, also of this city, we can hope to realize them to some extent in the near future. A committee of citizens is now endeavoring to secure an endowment fund of $5,000, the income of which is to be devoted to the beautifying of the campus. For the same purpose the College has returned to the observance of "Arbor Day," changing its name to that of "College Day." With all these forces at work it may be confidently expected that Alma will increasingly continue to be "The College Beautiful."

College Buildings.

Of these there are at present six: the Recitation building, Wright hall, the Library, the Museum, the Gymnasium, and Pioneer hall.

The Recitation building contains the College office, chapel, recitation rooms, laboratories, rooms for the Art and Music schools, and halls for the Zeta Sigma and Phi Phi Alpha Literary societies.

Wright hall, the home provided for the young ladies by the munificence of Ammi W. Wright, is the latest addition to the structures on the campus, and in architectural appearance and adaptation to its purposes is not excelled by any building of its kind in the country. It is built of paving brick trimmed with stone, and is four stories in height above the basement, which is of field stone. The interior finish is very pleasing and the arrangements for the comfort of the occupants are complete. Great care is being taken to surround this noble edifice with a fit setting of greensward, shrubbery and trees, that it may typify to coming generations of college students the ideal college home.

The Library building contains the stack room, with shelving for 22,000 volumes, the large and well-lighted reading room and the Librarian's office. It is built of red brick trimmed with stone, is handsomely finished in hardwood, and is in all respects well adapted to its particular use.

The Gymnasium building contains the Founders' room, the Kindergarten rooms, the Gymnasium and an office. The rooms occupied by the Kindergarten department are large and well-lighted, and in every respect are well-arranged for both school and recitation purposes. The Gymnasium occupies the entire upper floor of the edifice, and with its equipment of apparatus, the generous gift of Mr. John W. S. Pierson of Stanton, Michigan, furnishes adequate facilities for athletic training. Here during the winter months, daily classes in physical culture of-

Wright Hall Reception Room

Wright Hall Dining Room

fer to all the opportunity for that systematic training of the body which is so necessary to the health of the student.

The Hood Museum of Natural History, the gift of Mrs. Frances A. Hood of Saginaw, and Mr. Frank Hood of Marinette, Wis., was finished and dedicated in June, 1900. It is built of rock-faced paving brick, trimmed with red sandstone. It is two stories and a basement in height, with slate roof, and is one of the finest structures on the campus.

Pioneer hall, the men's dormitory, for which purpose the former Ladies hall has been remodeled, is a substantial brick structure, three stories in height, standing at the northeast corner of the old campus. It is provided with modern conveniences, such as steam heat, electric lights and baths, and has rooms for forty students. The Assembly hall of the Y. M. C. A. on the first floor is conveniently located to serve the religious and the social needs of the men students.

These buildings, with the exception of the Museum, are heated by steam from a central heating plant.

The Libraries.

The Libraries of Alma College comprise:

(1) The General Library.

(2) The Pollasky Law Library.

(3) The Lucy Plum Mitchell Library of History and Political Economy.

(4) The Sarah H. Lancashire Library.

(5) The Arthur Hill Library of Lincolniana.

(6) The Joseph W. Ewing Memorial Library of Pedagogy and Education.

(7) The Mary C. Gelston Library of Latin Language and Literature.

(8) The David M. Cooper Memorial Library of Ethics and Theology.

The Libraries contain 23897 volumes and a valuable collection of pamphlets. There has been an increase of 194 volumes for the year.

The collection embraces a great variety of works in Classical, English and Foreign Literatures, in Biography and History, in the various Sciences and Arts, and is exceptionally well furnished with encyclopaedias and complete sets of American and European reviews. They are classified and arranged according to the Dewey system, and an index of authors, titles and subjects places the contents of the Library at the command of all who are in search of information upon any subject.

Immediately adjoining the Library room is the Reading room, supplied with cases of reference books and the leading journals and periodicals of this country and England.

The Law Library, the gift of Marcus Pollasky, of Oklahoma, consists of 782 volumes, and occupying a separate alcove, is, during library hours, accessible to members of the bar, who are cordially invited freely to avail themselves of its privileges.

The Library of Lincolniana, the gift of the Hon. Arthur Hill of Saginaw, fills a large case in the Reading room.

Both the Library and Reading room are open every weekday during the term from 8 a. m. to 12 m. and from 1 p. m. to 5 p. m., Saturday from 9 a. m. to 12 m., and from 1 p. m. to 5 p. m.

Students may examine and use the books and periodicals during library hours, and may draw one book at a time to be taken away and returned in one week, and, if renewed, one week longer. All other persons are allowed to use the Library and Reading room freely, and on payment of an annual fee of $1.00 are permitted to draw books on an equal footing with the students. Transient visitors in town are charged twenty-five cents per month. Resident ministers of the gospel and their families are permitted to draw books free of charge.

During the past year the Library has received gifts of books and magazines from the following:

Prof. J. Clizbe, Librarian of Congress, Dr. August F. Bruske, Prof. Geo. B. Randels, Railway Age Gazette, U. S. Census Bureau, State Department, Dep't of Interior, Francis H. Dodds, Fitzgerald Book Co., Prof, Geo. L. Raymond, Student Volunteer Band, Mrs. Frances King, Bureau of Railway Economy, J. A. Homan, Miss Mary O. Eddy, Almanian Board, National Education Association, President of Columbian Exposition, Joseph DeBar, Harvard University, J. T. Mawson, John F. Dryden, Edward G. Acheson, William H. Roberts, William H. Hodge, E. Stanley Abbott, Senior Academy Class, University of Michigan, College Debating Team, Sir Edwin D. Lawrence, Michigan Academy of Science, Prof. Albert P. Cook, A. C. McClurg & Co.

Francis A. Hood Museum.

At Commencement, 1897, the Museum was formally opened in the east room of the ground floor of the Gymnasium Building. The installation of the collection in this place and the equipment of the Museum, had been made possible by the generous gift of Mrs. Francis A. Hood, of Saginaw, and her son, in memory of Mr. Hood, to whom the Museum is dedicated. At Commencement, 1900, The Hood Museum was formally opened again in the building west of the Library, which is wholly devoted to its needs. This building has two large exhibition halls lighted in such a way as to give the largest possible space for the display of the collections. In the basement are store-rooms and laboratories for the preparation of specimens, making the building one of the most complete and convenient museum buildings in the state.

In this building it is hoped that the museum will become to students of Science what the library is to students of Literature and History, and it is proposed to make every specimen in it as accessible for study and comparison as the books in the library are.

The cases in use in the museum are built of oak, constructed on plans furnished by the U. S. National Museum, and are provided with adjustable shelves, dust and insect-proof doors, etc. At present the geological and mineralogical collections are the only ones systematically installed. Additional cases for the Winchell collection of fossils and for the Albino deer, have been provided through the generosity of Mrs. Francis A. Hood of Saginaw and Francis G. Hood of Marinette, Wis.

The collections of the College are:

(1) The Stilwell collection of Michigan birds and animals.

(2) The W. S. Crawford collection of birds.

(3) The Shroyer-Wilcox collection of palaeozoic fossils.

(4) The Alexander Winchell collection of rocks, minerals and fossils.

(5) The general geological and mineral collection.

(6) The general biological collection.

(7) The William S. Cooper collection of shells, minerals, and butterflies.

The Stilwell collection was made by a former resident of Alma, most of the specimens being collected in the vicinity of the College and representing some species now extinct or very rare for this locality. It numbers nearly 300 specimens and was obtained by purchase.

The W. S. Crawford collection was made by the donor in various parts of the United States, and has a variety of rare specimens of birds from Florida, Arizona and Michigan.

The Shroyer-Wilcox collection is a systematic collection of palaeozoic fosslis, those of the Cincinnati group of rocks being especially well represented. It is valuable as a supplement to the other collections of fossils in the museum. It was acquired by purchase.

The Alexander Winchell collection is the largest and most valuable acquisition of the museum. The collection is that gathered by Professor Winchell during his long and active life as a geologist and teacher, and contains over 6,000 specimens, many of which were collected in Michigan by Dr. Winchell and described by him. These type specimens have an especial value. The collection was presented by friends.

The general biological collection contains representative vertebrate and invertebrate animal material, most of it yet to be arranged for exhibition, which has been collected during the history of the College. It will occupy the upper hall of the Museum. It is estimated to contain 2,000 specimens.

The general geological and mineral collection is installed in the east end of the lower hall of the museum and numbers 2,500 specimens. It has been obtained largely by small gifts from numerous friends.

Laboratories.

The equipment of the Physical Laboratory is ample for experimentation in Mechanics, Hydrostatics, Light, Heat, Sound and Electricity. The Laboratory is supplied with gas, water, tables, and other appliances which add materially to its facilities for scientific work. A fine projecting and reflecting lantern has been added to its equipment.

The Biological Laboratory is furnished with all necessary apparatus for thorough and practical work. The equipment consists of a sufficient number of compound and simple microscopes, microtomes, paraffin bath, air and water nets, collecting boxes, etc., for individual field and laboratory work.

The Chemical Laboratories now occupy the entire basement of the east wing of the recitation hall. This nearly doubles the laboratory space, and gives much needed room for students in quantitative and special courses.

The General Laboratory is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate twenty-four students. Each desk is supplied with gas and water under pressure, re-agents and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement. Ventilating hoods have been placed over the tables, and much improved ventilation is the result.

The Quantitative Laboratory is equipped with three fine weighing balances, blast lamps and combustion and crucible furnaces, and is provided with a large ventilating hood.

The Organic Laboratory has a good ventilating hood, balance, hot air and water ovens, Kieldahl's apparatus for the determination of nitrogen, fat extractors, and such other apparatus as is required for the work.

The Chemical Department also possesses a fine spectroscope and a sufficient amount of miscellaneous apparatus for thorough, practical work. A polariscope has been purchased for use in the classes in Organic Chemistry. A reference library consisting of some of the latest chemical books, is kept in the Laboratory for use of students.

Wright Hall.

MARGARET E. HAUGHAWOUT,
Dean.
MISS T. ALBERTSON,
Matron.

Wright Hall. the gift of Mr. A. W. Wright, is one of the most complete college dormitories in the country, and has accommodations for one hundred young women. It is heated throughout with steam, is lighted by electricity, has hardwood floors, and contains a spacious reception hall, parlors and dining room on the first floor, attractive rooms for the literary societies, commodious bath rooms, fitted with porcelain-lined tubs—in fact all has been planned for the health and comfort of the students.

It is desirable that all should be members of the family at Wright Hall, which is under the immediate supervision of the Dean. She is directly responsible for the government of the young women and will assign them their rooms and have the general supervision of their personal habits and activities.

Parents and guardians are invited to communicate freely with the Dean touching the interests of their daughters and wards, thus enabling her to understand and meet the peculiar needs of each student.

Girls under sixteen years of age will not be received, except by special arrangement.

At the time of application for admission a deposit of $5.00 must be made by each student in order to secure a room. This sum will be credited on the first semester's bill or will be refunded if the student decides to withdraw, provided notice is sent a month before the beginning of the college year.

The rooms are single or arranged in suites and are furnished with single enameled couch bed and springs, felt mattress and pad, pillow, oak dresser, wash-stand with crockery, study table, bookcase, chairs and window shades. Each student is expected to furnish her own towels, two pairs of sheets and pillow-slips, blankets or comforts, rugs and such conveniences and adornments as may be desired.

In addition, she should provide herself with one or more knives, forks, spoons, cups, plates, etc., for use in her room.

The price of single rooms is from $18 to $36 a semester, according to size and location, the most of them being $22.50 and $27 a semester. A deposit of 50 cents is required for keys, which is returned on surrender of keys.

Table board is $2.75 per week. The price may vary as necessity requires. An extra charge is made for meals sent to rooms.

Wright Hall will be closed during the vacations.

Any young woman wishing to enter the institution should make application to the Dean by letter at an early date, giving age and requirements and stating wishes as to room, courses of study, etc.

Pioneer Hall.

MRS. EVA SPAULDING,
Matron.

To young men in Alma College who prefer dormitory life, ample facilities are offered at Pioneer Hall, where the substantial comforts and conveniences of home life are provided at moderate cost. All the rooms are lighted by electricity and heated by steam, and are cared for by a competent matron, who looks after the comfort of the students. Ample bathing and toilet conveniences are provided.

The government of Pioneer Hall is under the direction of a Board of Control, consisting of a representative of the Faculty and five young men chosen by the students who are in residence at the Hall.

Each suite of rooms is provided with bedstead, springs, mattress, table, chairs, book-rack, and commode.

The occupant or occupants of a suite must furnish the necessary towels, sheets, pillow-slips, and blankets or comforts, and meet the expense of laundering the same.

In addition, each student should provide himself with one or more knives, forks, spoons, cups, plates, etc., for use in his room.

The charge is $1.00 per week for each of two occupants of a suite, and $1.75 per week for a single occupant.

Each applicant upon engaging a room shall make a deposit of $2.50 to secure a room and also to meet any damages that may be assessed against him. In case the room is not taken, the deposit will be returned, provided the due notice is given by August 15th. A deposit of 50 cents shall be made by each student for his room key, which amount will be refunded when the key is returned.

Old or new students who desire to room in the Hall during the next college year should apply at an early date to Albert P. Cook, Secretary, Alma, Mich.

Davis Field.

By the generosity of Charles H. Davis, Esq., of Saginaw, the College has been put in possession of an athletic field worthy of the donor and the College. The grounds, which are a part of the campus and not far from the Gymnasium, have been perfectly graded and drained, and are of ample extent for all athletic purposes. They are enclosed by a high board fence, and equipped with a foot-ball gridiron, a baseball diamond, a quarter-mile cinder track, and a grand stand capable of seating 400 people. Recently, bleachers have been erected, water mains put in and two new tennis courts laid out; and with these additions and improvements "Davis Athletic Field" ranks with the best college fields in the middle-west.

Terms and Vacations.

Three terms comprise the college year.

A fall term of fourteen weeks, followed by the holiday vacation of two weeks.

A winter term of eleven weeks, followed by a vacation of one week.

A spring term of eleven weeks followed by the summer vacation of twelve weeks.

For the purpose of instruction and examination, the year is divided into two semesters of eighteen weeks each.

For the dates of the opening and closing of terms and semesters, see Calendar at the beginning of this Catalogue.

Religious Organizations.

Young Men's and Young Women's Christian Associations have been maintained during the entire history of the College. The object of these Associations is to promote growth in grace and Christian fellowship among their members, and aggressive Christian work, not only by and for students, but in the whole community; to train young men and women for active Christian service, and to lead them to devote their lives to Jesus Christ. To this end Bible classes, Sunday schools, and a volunteer band for mission work are maintained. Union prayer meetings are held on Wednesday evenings and separate prayer meetings on Sunday afternoons. These are well sustained and productive of great good.

The Associations issue an annual hand-book which contains a large amount of information especially valuable to new students. On their arrival they are met, warmly welcomed, made to feel at home, and assisted in every possible way by representatives of these Associations.

Literary Societies.

Five literary societies are in active operation: The Zeta Sigma, Alpha Theta, Phi Phi Alpha and Philomathean for College students, and the Froebel Club for members of the Kindergarten Department. The Zeta Sigma and Phi Phi Alpha are conducted by the young men; the Alpha Theta, Philomathean and Froebel Club, by the young women. The aim of these societies is the development of a correst literary taste and the power of precise and ready expression.

Oratory and Debate.

Alma College is a member of the Michigan Inter-Collegiate Oratorical Association, which conducts two contests annually, one for men and one for women. The College is also a member of the Alma-Hope-Olivet Debating League and of the Alma-Michigan Agricultural College League, and meets each of these colleges in debate annually. Conspicuous among the local events is the Chicago Medal Contest in oratory. Gold medals are awarded the winner of this contest and the representatives of the College in all inter-collegiate oratorical and debating events. The management is under the charge of the local Oratorical Association and Debating League.

The Classical Club.

The Classical Club is conducted by the students in the Ancient Languages under the supervision of the instructors in Greek and Latin. The aim of the Club is the promotion of an interest in classical literature and archaeology. Meetings are held twice a month during the college year.

The Science Club.

The Science Club was organized for general scientific research and for the study in particular of the plants, animals and geology of the region in which the College is located. Meetings are held twice a month during the college year.

The Euterpe Musical Society.

This society is conducted by the members of the School of Music, who meet at regular intervals during the college year for the study of the lives and works of the masters in music.

The Honors System.

Under the new plan of marking, provision is made for the recognition of excellence in scholarship through a system of honor-points corresponding to the standings received. The minimum number of honor-points required for graduation is 80; for third honor (cum laude) 140; for second honor (magna cum laude), 180; for first honor (summa cum laude), 220

College Publications.

Alma College Bulletin is published by the College four times a year, in February, May, August and November. The February issue is the College Catalogue, and the other numbers are devoted to the interests of the different schools. Copies of current issues may be obtained on application to the Secretary of the College.

The Almanian is the student publication and is issued weekly during the college year. It is conducted by a board of editors who aim to make it a faithful reflector of local college life in all its phases as well as a consistent supporter of the interests of the institution from the standpoint of the student body.

Aid for Students.

The interests of students of limited means are in charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose.

The children of home and foreign missionaries are granted scholarships, when regular students in College or Academy courses.

Students preparing for the ministry of the Presbyterian church can usually secure aid from the Board of Education to the amount of $100 per year.

A number of students can usually find employment in the city or in connection with the College. As a rule, no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

PERMANENT SCHOLARSHIPS.

To assist deserving young men and women who may need help in securing an education, generous friends of the College have endowed scholarships which, in general, yield an income of $30.00 per year, and pay the regular tuition of those students to whom they are assigned. At present we have thirty-seven of these scholarships.

Name.	Donor.
Mrs. C. P. Colvin	Mr. C. P. Colvin, Saginaw
Thomas Merrill	Mr. Thomas Merrill, Saginaw
Memorial Presbyterian Church	Rev. D. M. Cooper, Detroit
Laurense	Mr. Leonard Laurense, Detroit
Martha P. Seeley	Mr. John F. Seeley, Caro
Harry G. Kelton	Mr. and Mrs. John M. Kelton, W. Bay City
Charles D. Chatfield	Mr. Clarence B. Chatfield, Bay City
Lucy Plum Mitchell	Prof. Jas. E. Mitchell, Alma
Louis Penoyer, Memorial	Mrs. Emeline Penoyer, Saginaw
Edith M. Davis	Mrs. Edith M. Davis, Saginaw

Alba A. Lull	Mr. Alba A. Lull, Pontiac
Martha B. Heartt	Mr. William A. Heartt, Caro
William A. Heartt, 4 scholarships	Mr. William A. Heartt, Caro
First Presbyterian Church, Saginaw	First Presbyterian Church, Saginaw
David M. Ladd, Memorial	U. P. and C. Church, Milford
Marian H. Plum	Mr. J. H. Plum, Milwaukee, Wis.
Helen Anderson Tanner	Mr. M. W. Tanner, Saginaw
Watson B. Robinson	Mr. James W. Robinson, Alma
Theodore D. Marsh	Rev. Theodore D. Marsh, D. D., Grand Rapids
Harriet Barton Wright, Memorial	Mrs. J. H. Lancashire, Alma
Margaret N. Thorburn	Mr. Jas. T. Thorburn, Detroit
John Cameron	Trumbull Ave. Presbyterian Church, Detroit
J. Ambrose Wight	First Presbyterian Church, Bay City
Katherine M. Inglis	Mr. Thomas Merrill, Saginaw
Brownell	Mrs. Mary E. D. Brownell's Estate, Detroit
William J. Rohlfs	Many Friends
Grace Church, Saginaw	Mr. Thomas Merrill, Saginaw
Francis King	Mr. Francis King, Alma
M. S. Smith	Mrs. Helen Smith Deming, Detroit
Hazel B. Garland	Mr. Arthur Garland, Howell
Nathan B. Bradley	Elmer E. and Fred W. Bradley, Bay City
Horace B. Silliman	Dr. Horace B. Silliman, Cohoes, N. Y.
John P. Cleveland	First Presbyterian Church, Detroit
Westminster Presbyterian Church	Westminster Presbyterian Church, Bay City

ANNUAL SCHOLARSHIPS.

The following persons and churches have also contributed scholarships good for one year:

Mrs. W. L. Curtis, Petoskey.
J. S. Farrand, Jr., Detroit.
Rev. and Mrs. George A. Hill, Chicago.
Mrs. Louisa Y. King, Alma.
Fred Perry, Detroit.
John W. S. Pierson, Stanton.
Rev. and Mrs. W. J. Rainey, Middletown, Ill.

Mrs. H. B. Smith (2), Bay City.
Henry H. Soule, Alma.
Dewitt Taylor, Detroit.
Robert S. Tracy, Sturgis.
Presbyterian Church at Albion.
Presbyterian Church at Battle Creek.
Presbyterian Church at Fenton.
Presbyterian Church at Grand Haven.
Presbyterian Church at Harbor Springs.
Presbyterian Church at Ithaca.
Presbyterian Church at Manistique.
Presbyterian Church at Marquette.
Presbyterian Church at Menominee.
Presbyterian Church at Mt. Pleasant.
Presbyterian Church at Petoskey.
Presbyterian Church at Sault Ste. Marie.
Presbyterian Church at Tecumseh.
Immanuel Presbyterian Church at Detroit.
First Presbyterian Church at Lansing.
Warren Avenue Presbyterian Church at Saginaw.

These permanent and annual scholarships are offered to young men and women who intend to complete a regular course of study in the College or Academy, upon these conditions:

(1) The student must have an average of 90 per cent. in the studies of the previous year, or he must have stood at the head of his class.

(2) He must be a person of good moral character.

HONOR SCHOLARSHIPS.

The Silliman and Brownell Scholarships, each amounting to $50 in tuition, are to be awarded annually to a young man and a young woman in the Junior class, of Christian character and high ideals, who have the highest scholarship records, as determined by honor points, in the studies of the Freshman and Sophomore years. These scholarships will be awarded for the first time at Commencement, 1911.

PRIZE.

Greek Prize.. The income of the Justin Marsh Fund is hereafter to be awarded each year to the best scholar in New Testament Greek.

CENTRAL ALUMNI ASSOCIATION.

President	James Mitchell, '93
Vice-President	Louis S. Brooke, '96
Recording Secretary and Treasurer	Sadie Messinger, '03
Corresponding Secretary	Essy Hooper-Sidebotham, '03

The Association was formed by the class of '91. It has had a vigorous growth, and has come to be regarded as an important and influential College organization. Its regular meeting is held on the Wednesday of Commencement Week, which has been designated as "Alumni Day."

ALUMNI ASSOCIATION OF THE NORTH WEST.

President	J. Ambrose Wight, '96
Vice-President	Ira M. Hatch
Secretary and Treasurer	A. John Van Page, '97

DETROIT ALUMNI ASSOCIATION.

President	Sherman L. Divine, '98
Vice-President	Paul H. Bruske, '98
Secretary and Treasurer	Mrs. Mary Mitchell-Wagner

ALUMNAE ASSOCIATION OF THE KINDERGARTEN TRAINING DEPARTMENT.

President	Mrs. Kate Coddington, '93
Vice-President	Mrs. Harriet Hudson, '03
Secretary and Treasurer	Miss Edna Swigart, '01

COMMENCEMENT HONORS.

June 16, 1910.

Doctor of Divinity.

Rev. Alfred H. Barr	Detroit
Rev. David Howell	Lansing

CLASS OF 1910.

Bachelor of Arts.

Royal Roderick Campbell.

Bachelor of Science.

Alexander Duncanson.
Frank B. McComb.

Bachelor of Philosophy.

Hazel Stuart Blair.
Elsie Ethyl Bond.
Cass Chase.
Myrtie Creaser.
Stanley Anderson Graves.
Agnes Rozena Redman.

State Teacher's Certificate.

Elsie Ethyl Bond.
Myrtie Creaser.
Agnes Rozena Redman.

Graduate of School of Music.

Voice—Helen Leora Johnston (post-graduate); Hazel L. Bahlke.
Piano—Theo. Amsbury.
Public School Music—Hazel L. Bahlke.

Graduate of the Academy.

Frank J. Anderson.
Ruth Mary Cook.
John Lloyd Harper.
Arthur Breeze Henderson.
Ethel Louise Mitchell.
Lydia Resseguie.
Herbert B. Smith.

Graduate of the Commercial School.

Harriet Baker.
Claribel Blair.
Della Blumenthal.
Lula Bronson.
Rena Bronson.
Hazel Conner.
Trudie Fafty.
Isabel Granger.
Della Havlin.
Frank Jayne.
Hazel Kinney.
George Law.
Ralph Peterman.

EXPENSES.

WRIGHT HALL.

Board, $2.75 per week, for the year	$99.00
Room rent, one in a room, for the year	$36.00 to 72.00

PIONEER HALL.

Room rent, one in a room, for the year	63.00
Room rent, two in a room, for the year, each	36.00

COLLEGE.

Semester bill $15.00, for the year	$30.00

ACADEMY.

Semester bill $7.50, for the year	15.00

MUSIC SCHOOL.

Pianoforte, Voice, Stringed Instruments, Pipe Organ, each—

One 30-minute lesson a week, per semester	13.00
Two 30-minute lessons a week, per semester	23.00
Three 30-minute lessons a week, per semester	30.00
Music building, two lessons a week, per term (six weeks)	6.00
History of Music, per semester	5.00
Harmony, per semester	5.00
Public School Music, per semester	5.00
Pianoforte ensemble, per semester	5.00
Voice ensemble, per semester	5.00
Use of piano, one hour a day, per semester	4.00
Use of Piano, two hours a day, per semester	6.00
Use of piano, three hours a day, per semester	8.00

ART SCHOOL.

Oil and China Painting, Water Colors and Crayon Drawing—

Twenty-four lessons, per semester	12.00
Twelve lessons, per semester	8.00

Charcoal and Perspective Drawing—

Twenty-four lessons	6.00
Twelve lessons	4.00
Single lessons not in course	.75
Use of rooms and models three hours daily, per semester	3.00

Wright Hall

Lessons are two and a half hours in length.

KINDERGARTEN TRAINING DEPARTMENT.

Semester bill $20.00, for the year	40.00
Books and material, for the year, about	9.00

ELOCUTION AND ORATORY.

Private Lessons—

One 30-minute lesson a week, per semester	$13.00
Two 30-minute lessons a week, per semester	23.00
Three 30-minute lessons a week, per semester	30.00

OTHER CHARGES.

Laboratory fee, Chemistry, per semester	5 00
Laboratory fee, Biology, per semester	3.00
Laboratory fee, Physics, per semester	2 00
Incidental fee (except in Music and Art) per semester	5.00
Diploma fee	5.00
Certificate fee	1.00

REMARKS.

Children of home and foreign missionaries are granted scholarships, when regular students in College or Academy.

Students taking from one to five hours per week, pay no incidental fee; those who take from six to nine hours per week, pay $2.50 per semester; those who take ten or more hours per week, pay $5.00 per semester.

Art and Music students are allowed to take Academic work to the extent of five hours a week without extra charge.

Tuition bills in all departments must be paid by the semester in advance, and board at Wright Hall and room rent in either dormitory, by the month in advance.

In the College the regular expenses for the year are $160 to $190; in the Academy, $145 to $180; in the Kindergarten Department, $165 to $210; in the Commercial School, $145 to $180. These amounts can be largely reduced through various forms of self-help.

GENERAL PRINCIPLES OF CONDUCT FOR ALL.

(1) Respect yourself.

(2) Have regard for the rights of others.

(3) Do nothing which you would be unwilling to have your parents know.

FORM OF BEQUEST.

Item—I hereby give and devise to Alma College, situated in Alma, Gratiot County, Michigan, the sum of............... dollars.

THE REGISTER OF STUDENTS

THE COLLEGE.

Seniors.

Over One Hundred Credits.

Ethel Gertrude Carey, III	Harbor Springs
Theron E. Chapel, VIII	Parma
Hurd Allyn Drake, I	Alma
Jean Isabel Dykes, I	Iron Mountain
Kathleen Isabel Gillard, III	Alpena
Selma O. Hahn, III	Bay City
Florence Lillian Hood, VII	Alma
Pearl S. Huber, III	Stanton
Leslie Philip Kefgen, VII	Cass City
Adelbert Hole Lindley, II	Lupton
Bessie F. Seaver, I	Ithaca
Isabel Stevens, I	Saginaw
Robert Von Thurn, I	St. Louis

Juniors.

From Sixty-five to One Hundred Credits.

Lou Anna D. Baker, III	Midland
Eleanor Bittner, IV	Alma
Vinnie Cecile Booth, III	Alma
Laura Alice Brown, III	Alma
Robert Howard Cook, I	Alma
Foster Allen Fraker, VII	Alma
Wade Lawrence Frost, VIII	Tecumseh
Gladys Leona Gorton V	Gregory
Ruth Elizabeth Hovey, III	Howell
Robert Frank Hume, VIII	Morenci
Leon William Lauderbach, VII	Cass City
Hattie Belle Mills, III	Alma
Carrie Elizabeth Neilson, III	Vassar
Gail Enid Peacock, VIII	Evart
William Young Pohly, I	Elkton

Ernest W. Sebring, II	Alma
Anna Laura Sebring, III	Alma
Ralph O. von Thurn, I	Alma

Sophomores.

From Thirty-five to Sixty-five Credits.

Emma Bachi	Rapid City
Irene Beer	Elk Rapids
Margaret Pollock Boag	Calumet
George J. Brilmyer	Milford
Marion Beryl Broderick	Detroit
Florence Carman	Marine City
Flossie Eola Clark	Alma
Loretta Blanche Clum	Alma
Hazel Margretta Dulong	Bay City
Andrew Clifford Edgerton	Cass City
William Arthur Ewing	Alma
Edith May Hewitt	Kalkaska
William Allen Hooper	Alma
Emily Maud Hooper	Alma
David Inglis	Levering
Leon A. Kolvoord	Allegan
John Lee Landon	Detroit
Bernice Edna Latson	Howell
Robert James McCloy	Fairgrove
Oral M. Misenar	East Jordan
Ethel Louise Mitchell	Harrisville
Misao Nikajima	Yamanashi, Japan
Helena Gloyd Randall	Southern Cross, Mont.
Anna Irene Reiser	Cadillac
Ruth Marian Robbins	Iron Mountain
Claud Webster Satterlee	Detroit
Marian Aleen Spinney	Alma
Della Struthers	Pontiac
Edward Archibald Thompson	Caseville
Rex Edward Van Duzen	Breckenridge
Lester von Thurn	St. Louis
Bernice Emma Walker	Alma
Lena Alice Ward	Laurium

Lu Ella Warner	Howell
Ralph L. Yonker	Niles

Freshmen.

Frank J. Anderson	Omena
William J. Baker	Midland
Marian Bancroft Ball	Midland
Emily Beach	Detroit
Susie Leete Brown	Farwell
John Mirkle Caldwell	Marlette
Mary Laura Clark	Clinton
Ruth Mary Cook	Alma
Everett Cramer	Fairgrove
Paul Frederick Crandell	Alma
Sadie Crawford	Sault Ste. Marie
Celia C. Creaser	Alma
Elizabeth Kinsman Crossen	Calumet
Mabelle Lilian Dean	Brown City
Hilda Gertrude van Emster	Bay City
Joyce R. Fairweather	Imlay City
Helena Brown Gilray	Sault Ste. Marie
Edith Taft Hagedon	Algonac
Dwight Brigham Harwood	Plainwell
Milo A. V. Hogan	Detroit
Charles Edward Hooper	Alma
Bertha Belle Hubbell	Alma
Carroll C. Hyde	Addison
Neva Ollie Jenkins	Harbor Springs
Charlotte Jessie Johnson	Stockbridge
Fred Samuel Johnson	Cadillac
Vera Sarah Judd	New Lothrop
Alice Virginia Kennedy	St. Louis
Joseph L. Kennedy	Chicago
Esther Elizabeth King	East Tawas
Mertie Lora Lewis	Alma
Nina Elizabeth Lewis	Morgan Park, Ill.
Lester Belden McAllister	Oak Park, Ill.
Eva Luella McBain	McBain
Bryson A. McCloy	Fairgrove

Lula Lucile May	Stockbridge
Archie Ruben Maybee	Hudson
Purl Irene Moreland	Caro
Marguerite Rachael O'Neill	Sault Ste. Marie
Oren Durbin Osborn	Alma
Frank Herbert Potter	Battle Creek
Chester Roy Robinson	Plainwell
Verne E. Rogers	Tecumseh
Esther Belle Smith	Alma
Floyd T. Smith	Alma
Thomas Stitt	Alma
Fred C. Striffler	Argyle
Walter Albert Vogt	Palmyra
Harold Victor Wilcox	St. Louis

Specials and Partials.

Drayton Royal Blaske	Traverse City
Edward W. Brehm	Cadillac
Reginald Cady Burritt	Cadillac
Clay Donald Call	Petoskey
Leonore Alece Candelario	Santa Fe, N. M.
Verne Alton Dakin	Grass Lake
Clara Elizabeth Hanel	Elk Rapids
Delora Hanel	Elk Rapids
Theodore Higbee	Alma
Robert B. King	Adrian
Audley Kinnaird	Cass City
George D. Law	Cadillac
Dewitt Russell Marks	Plainwell
Leontine M. Messinger	Alma
Chalmers A. Monteith	Martin
Fred John Myers	Grass Lake
Louise Marie Peterson	Grayling
Harold Rix	Oscoda
Marian Van Horn Rounsifer	Howell
Marjorie A. Travis	Plymouth
Florence Harriet Turner	Evart
Paulus M. Voegeli	Elk Rapids
Robert Bruce Wilson	Tecumseh
Fred Rahe Zubler	Breckenridge

THE ACADEMY.

Seniors.

Besvin Anderson	Elk Rapids
Virgil B. Ayres	Addison
Sidney P. Cook	Alma
George W. Gage	Gagetown
Esther Halverson	Newberry
Eural L. Race	Alma
Maurice L. Rushmore	Old Mission
George G. Snider	Cadillac
Carlyle G. Walker	Alma

Middlers.

Oscar M. Anderson	Omena
Ralph Chisholm	Breckenridge
Veda A. Churchill	Alma
Bernice A. Miller	Detroit
Viviane B. Miller	Detroit
Marshall J. Pratt	Old Mission
Aletha Ray	LaFayette, Ind.
Mathilda M. Ryan	Milwaukee, Wis.
George E. Shepard	Diamondale
Roy S. Yerex	Detroit

Juniors.

Edward H. Bagley	Old Mission
Isabel C. Henderson	Cadillac
Thomas P. Reid	Hurley, Wis.

Partials.

Clyde G. Dennis	Brutus
Walter D. Lambert	Wyandotte
Arthur Medler	Alma
Vera McLaughlin	Yale
Wedi A. Mansur	Detroit
Alexander Nicholson	Calumet
Sara M. Runnells	Alpena

THE COMMERCIAL SCHOOL.

Business Course.

Tunis W. Creech	Forest Hill
Vern A. Dakin	Grass Lake
Carl W. Lanshaw	Forest Hill
Fred J. Myers	Grass Lake
Edith Palmer	Alma
Frank H. Potter	Battle Creek

Shorthand Course.

Irene M. Arndt	Alma
Lena M. Beverly	Wolverine
R. D. Bradford	Alma
Edith M. Bradley	Port Hope
Rhebah Francisco	Alma
Lillian Havlin	Alma
Mvrtle M. Howard	Reed City
Hattie L. Humpsch	Northport
Marion L. Kehl	Northport
Roland Mayes	Alma
Mabelle Page	Alma
Edith Palmer	Alma
Ralph E. Peacock	Evart
Bertress M. Rock	St. Ignace
Augusta H. Russell	Whitefish Point
Marian Vawters	Detroit
Edward W. Whitlock	Caro

THE SCHOOL OF MUSIC.

Voice.

Iva M. Amsbury	Alma
Harold P. Bates	Elsie
Leo Best	Alma
Bertha M. Bielby	Lake City
Margaret J. Bielby	Lake City
Reginald C. Burritt	Cadillac
Mary L. Clark	Clinton

May Hill Clutter	Bethany, Neb.
Hazel K. Conner	Plymouth
Robert H. Cook	Alma
Katherine M. De Vries	Grand Rapids
Foster A. Fraker	Alma
Laura M. Freese	Clinton
Orpha E. Gee	Alma
Reena Russell-Graham	Motherwell, Scotland
Florence L. Hood	Alma
Pearl S. Huber	Stanton
Robert F. Hume	Morenci
Beatrice C. Jackson	Flint
Leora Johnston	Alma
Alice V. Kennedy	St. Louis
James Klein	St. Louis
Lula Lucile May	Stockbridge
Grace Messinger	Alma
Mrs. Ina Moore	Lake View
Hattie B. Mills	Alma
Katherine O'Brien	Vestaburg
Louise M. Peterson	Grayling
Marion A. Rosacrans	Tecumseh
Bessie F. Seaver	Ithaca
Leon C. Stinchcomb	Alma
Mrs. Leon C. Stinchcomb	Alma
Dorothy Lu Towle	Stanton
G. Verne Wright	Alma
Ione Belle White	Edmore

Piano.

Iva M. Amsbury	Alma
Irene Beer	Elk Rapids
Bertha Bielby	Lake City
Margaret Bielby	Lake City
Marion B. Broderick	Detroit
Susie L. Brown	Farwell
George Buck	St. Louis
Veda A. Churchill	Alma
Flossie E. Clark	Alma
Hazel K. Conner	Plymouth

Ruth M. Cook	Alma
Laura Crandell	Alma
Hazel B. Crosby	Merrill
Elizabeth K. Crossen	Calumet
Mabelle L. Dean	Brown City
Clyde Dennis	Brutus
Mrs. H. A. Drake	Alma
Joyce R. Fairweather	Imlay City
Laura M. Freese	Clinton
Orpha E. Gee	Alma
Edith T. Hagedon	Algonac
Mabel R. Hanmer	Cadillac
Gretchen A. Hinkley	Flushing
Hattie L. Humpsch	Northport
Beatrice C. Jackson	Flint
Bernice Latson	Howell
Eva L. McBain	McBain
Jane A. McKinney	Tuscola, Ill.
Vera B. McLaughlin	Yale
Bernice A. Miller	Detroit
Ella Miller	Alma
Viviane B. Miller	Detroit
Helen K. Mitchell	Harrisville
Katherine O'Brien	Vestaburg
Louise M. Peterson	Grayling
Irene Reiser	Cadillac
Marion A. Rosacrans	Tecumseh
Mary Rhoda Rose	Ashley
Carlyle Walker	Alma
Ione B. White	Edmore

Violin.

George T. Churchill	Alma
Esther Dunham	Alma
Hubert Wheaton	Alma

Classes Outside of Alma.

Margaret Allen, vi	Ithaca
Donald Barden, vi	Ithaca
Stanley Brown, vi	Ithaca

B. L. Curtis, 'cello	Ashley
Zetta Derry, vi	Ithaca
Ilah Ervey, v	St. Louis
Mrs. Minnie Doyle, p	Breckenridge
Willie Falor, vi	Breckenridge
Pierce Hayward, vi	Breckenridge
Louie Helfer, vi	Ithaca
Lucile Hodge, p	Breckenridge
Ward Hodge, vi	Breckenridge
Rose Hudson, p	Breckenridge
Mrs. Hudson, p	Breckenridge
Pauline Johnson, vi	Ithaca
Willie Kean, vi	Breckenridge
Willie Leader, vi	Ithaca
Lucile Long, v	Ithaca
Thelma McCall, vi	Ithaca
Flora, McLeod, p	Breckenridge
Jay McNall, vi	Ithaca
Gretchen Marquette, v	Ithaca
Alma Matthews, p	Breckenridge
Eleanor Mathews, v	Ithaca
Eva Merrill, p	Breckenridge
Lena Merrill, v	Breckenridge
Lorena Moore, v	Breckenridge
Wesley Muscott, vi	Breckenridge
Olive Myers, v	Ithaca
Mrs. George Nooney, vi	Ithaca
Irene Sackett, vi	Ithaca
Hazel Searl, p. and v	Ithaca
Clare Stevens, p	Breckenridge
Oneita Stevens, p	Breckenridge
Thelma Stevens, p	Breckenridge
Hazel B. Stowe, v	Ithaca
Mrs. Helen Waggoner, v	Breckenridge
Bessie Watson, v	Breckenridge
Donald Weeks, vi	Ithaca
Grace Youry, vi	Breckenridge
Walter Zimmerman, vi	Breckenridge

V., voice; vi., violin; p., piano.

Music Building.

Robert Baker	Alma
Ruth Bennett	Alma
Beulah Brown	Alma
Bemsley Conn	Alma
Florence De Planta	Alma
Leora De Young	Alma
Gladys Faling	Alma
Ruth Halverson	Newberry
Alberta Hyde	Alma
Marjorie MacCurdy	Alma
Adra Miller	Alma
Susan Miller	Alma
Frank Notestein	Alma
Helen Parr	Alma
Iva Perrigo	Forest Hill
Esther Rhodes	Alma
Helen Selby	North Star
Letta Soper	Alma
Marion Vawters	Detroit
Howard Wilson	St. Louis
Dean Wright	Alma

The Art School.

Lou Anna D. Baker	Mildand
Marian Bancroft Ball	Midland
Bertha Bielby	Lake City
Mrs. E. E. Brown	Alma
Allene Brown	Hart
Leonore A. Candelario	Santa Fe, N. M.
Nelle Chisholm	Breckenridge
Laura Crandell	Alma
Hazel B. Crosby	Merrill
Rua E. Day	Alma
Cora Dunlap	Alma
Edna Duff	St. Louis
Stella Eagon	Alma
Mrs. J. T. Ewing	Alma
Selma O. Hahn	Bay City

Delora Hanel	Elk Rapids
Marion L. Kehl	Northport
Mildred E. Kress	Alma
Jane McKinney	Tuscola, Ill.
Vera B. McLaughlin	Yale
Mrs. Maude E. Misenar	East Jordan
Beulah Parr	Alma
Aletha Ray	LaFayette, Ind.
Ruth Ray	LaFayette, Ind.
Bertress M. Rock	St. Ignace
Marion A. Rosacrans	Tecumseh
Juno Shepard	Alma
Marian A. Spinney	Alma
Queenie Strong	Alma
Mrs. Anna Trapp	Alma
Pearl Turner	Alma
Viola H. Weis	Alma

SUMMARY.

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The School of Art	32
	351
Counted twice	49
Total	302

CONTRIBUTIONS.

From March 1, 1910, to March 1, 1911.

In 1902 a friend of the College promised to give $25,000 for the general endowment on condition that the Synod of Michigan should raise a like amount for the endowment of the Chair of English Bible and Theism.

During the year the churches have contributed to this fund as follows:

Adrian	$20 00	Houghton	5.00
Bay City, Westminster	13.00	Howell	10.00
Big Rapids	11.75	Iron Mountain	1.33
Boyne City	5.00	Jackson	25.00
Brighton	4.10	Lake City	7.02
Brooklyn	10.55	Ludington	8 00
Calumet	20.00	Marquette	10.07
Caro	20.00	Marquette S. S.	5.00
Deerfield	1.00	Martin	5.00
Detroit—		Mason	10.00
Bethany	30.00	Menominee	5.00
Cadillac Avenue	2.00	Midland	11.19
Calvary	10.00	Mundy	6.00
Church of the Coven't.	10.00	Munger	6.06
Forest Avenue	3.17	Paw Paw	2.73
Jefferson Avenue	87.00	Petoskey	20.00
Memorial	6.00	Plainwell	2.00
Scovel Memorial	50.00	Plymouth	10.00
Second Avenue	8.54	Saginaw, First	34 35
Woodward Avenue	15.00	Saginaw Grace	12.75
East Jordan	10.00	St. Louis	2.13
Elk Rapids	4.76	South Lyon	5.00
Evart	10.00	Stockbridge	5.50
Fairgrove	10.00	Stockbridge S. S	1.26
Grand Rapids—		Sturgis	8.00
First	8.00	Tecumseh Men's Class	8.00
Westminster	22.80	Trenton	4.75
Grayling	3.58	Vassar	12.50
Harbor Beach	4.00		

ANNUAL SCHOLARSHIPS.

Individuals.

Mrs. W. L. Curtis, Petoskey, $30.00; Mrs. Elizabeth C. Dailey, Detroit, $15.00; Mrs. Louisa Yeomans King, Alma, $30.00; Mr. Fred Perry, Detroit, $30.00; Mr. John W. S. Pierson, Stanton, $30.00; Mr. S. J. Service, Detroit, $30.00; Rev. and Mrs. W. J. Rainey, Middletown, Ill., $47.00; Mr. Henry H. Soule, Alma, $45.00; Mr. J. M. Thurber, Detroit, $35.

Churches.

Adrian, $12.00; Albion, $30.00; Battle Creek, $60.00; Big Rapids, $6.50; Detroit Immanuel, $15.00; Fenton, $30.00; Flint, $60.00; Grand Haven, church, $25.00; Sunday school, $5.00; Ithaca, $20.00; Niles, $4.20.

PERMANENT SCHOLARSHIPS.

Payments on Notes, Pledges, Etc.

Detroit, Trumbull Ave., on John Cameron scholarship	$50.00
Detroit, First, on John P. Cleaveland scholarship	92.61

MISCELLANEOUS GIFTS.

Mr. A. W. Wright, for Baby Grand Piano, $500.00; moving same, $3.00; for electric lights, blackboards, etc., $50.00; for extra copies College Annual, $25.00; for entertainment of Trustees while attending meetings of the Board or of the Executive Committee, $57.50; Berry Bros., Detroit, varnish, $150.00; President August F. Bruske, for printing, $22.85; Mr. John F. Seeley, Caro, for the Oratorical Association, $25.00; Mr. John W. S. Pierson, Stanton, for the Oratorical Association, $5.00.

LIST OF ALUMNI.

Class of 1891.

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Alfred Field Pratt	Campbell, N. Y.
Bertha May Trask, Teacher	Saginaw

Class of 1892.

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Ralph C. Ely, Attorney	Deming, N. M.
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Mrs. Katherine Slater-Hubbard	Ashtabula, O.

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Matie C. Hill..Flint
Mrs. Josephine Hodges-Waldo.............Chambersburg, Pa.
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*Mrs. Lucy Plum-Mitchell..............................Alma
*Herrick J. Ransom...................................Muir

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Mrs. Esther Marsh-Cram..............................Flint
Frank Marsh................................Grand Rapids

Class of 1895.

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Elizabeth Jones, Teacher.........................La Mesa, Cal.
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Jos. T. Northon, Supt. of Schools.................East Jordan
*Richard Sidebotham, Missionary...............Fusan, Korea

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....Mt. Pleasant
Mrs. Gratia Dunning-Brooks.....................Mt. Pleasant

---

*Deceased.

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Jacob Klasse.................................Grand Rapids
A. John Van Page, Pastor Millard Ave. Pres. Church,.... ....Chicago, Ill.

Class of 1898.

Birdsey Scott Bates, Pastor Pres. Church..Forest River, N. D.
Mrs. Frances Adams-Bates...............Forest River, N. D.
Paul Hale Bruske, Editor............................Detroit
James I. Crane...............................Brooklyn, Mich.
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Elmer Eckard, M. D...............................Peoria, Ill.
Maurice Grigsby, Pastor Pres. Church..........Oswego, Kan.
William Henry Long, Pastor Pres. Church........Mt. Pleasant
Franklin Warren McCabe........................Pasadena, Cal.
Mertha Peters, Teacher.....................Los Angeles, Cal.
Charles Ernest Scott, Missionary.............Shantung, China
John Bartlett Stevens, Pastor Pres. Church..Phillipsburg, Mont.

Class of 1899.

Mrs. Maud Bishop-Clark.....................Harbor Springs
*Frances Thorne Booth...................................Alma
Weston T. Johnson, Missionary.................Sappori, Japan
Harry Erastus Porter, Pastor Pres. Church......Zanesville, O.

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George A. Hill, Pastor Drexel Park Pres. Church.......Chicago
David Magaw, Farmer..................................Gooding
Mrs. Mary W. Plum-Bruske...........................Detroit
George Basil Randels, State Normal School..Valley City, N. D.

Class of 1901.

Henry P. Bush, Jr., County Commissioner of Schools.....Caro
Carolyn A. Butler, Settlement Worker...........Chicago, Ill.
Winifred F. Carl, Prin. of High School.............Wyandotte

---

*Deceased.

Donald S. Carmichael, Pastor Pres. Church............Bad Axe
Annabelle Chisholm, Teacher....................Globe, Ariz.
Amos R. Eastman, Business.........................Howell
Daisy L. Hard, County Commissioner of Schools..........
....Colville, Wash.
Harry E. Reed, Teacher..........................Bay City
Watson B. Robinson, Attorney...............New York City
Charles W. Sidebotham, Pastor Pres. Church.........Brooklyn
Winifred G. Trapp, Teacher...........................Alma

Class of 1902.

Wesley Bradfield............................Santa Fe, N. M.
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John N. Booth, Prof. of History, Racine College..Racine, Wis.
William J. Ewing, Pastor Pres. Church..............Fairgrove
Egbert E. Fell, Supt. of Schools.....................Holland
Agnes Hope.......................................St. Johns
Alice Rebecca Marsh, State Sec. Y. W. C. A............Detroit

Class of 1903.

Lucius S. Bagley, Bank Cashier..................Morris, Okla.
William Ray Baker, Commercial Teacher......Davenport, Ia.
John Y. Brook, Pastor Dutch Reformed Church..Plainfield, N. J.
Mrs. Margaret Fitzpatrick-Ireland...............Buffalo, N. Y.
*Pearl Fuller, Mining Chemist and Engineer....Virginia, Minn.
Mrs. Pauline Hazelton-Gorrel................Winnemac, Ind.
Arthur J. Helmer.................................Ann Arbor
Sadie Messinger, Music Teacher.........................Alma
Myrtle Ione Nicholson, Teacher...................Manistique
Hugh Norman Ronald, Pastor Pres. Church....Thorntown, Ind.
John S. Shiner, Commercial Traveler.........Rochester, N. Y.
Mrs. Essy Hooper-Sidebotham.......................Brooklyn
Henry H. Soule, Business..............................Alma
Laura B. Soule, Mission Teacher..............Marshall, N. C.
Margaret K. Taylor...............................Charlotte
T. George Timby, Mining Chemist.................Joplin, Mo.
Wallace F. Webber, Business........................Detroit
Alice B. Thompson, Teacher.....................Globe, Ariz.

---

*Deceased.

Class of 1904.

J. Wirt Dunning, Pastor Pres. Church..........Portsmouth, O.
Frank R. Hurst, Field Secretary Alma College............Alma
Mrs. Bertha Higbee-Hurst.................................Alma
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Leora M. Morton, Teacher...........................Howell
Mrs. Elizabeth Schmidt-Randels............Valley City, N. D.
Mrs. Kate Bair-Ronald.......................Thorntown, Ind.
Martin J. Stormzand...............................Chicago
Mrs. Nellie C. Stringham-Hart...................Philadelphia
Raymond G. Swigart, Prin. of High School........Mt. Pleasant
*Herbert A. Wilcox...................................Alma
William Winton, Jr., Life Insurance...................Detroit

Class of 1905.

Levi J. Butler, Mining Engineer................Virginia, Minn.
*Orson Charles Chapman................................Holt
Mrs. Carolyn Hastings-Brown...................Olathe, Colo.
David A. Johnson, Pastor Pres. Church............Marengo, Ia.
James Norman King, Pastor Pres. Church........Hicksville, O.
Mrs. Leola Lauderbach-Stoddard.............Butte Falls, Or.
Louise Townley Stange.........................Grand Ledge
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Class of 1906.

William Skinner Cooper, University of Chicago....Chicago, Ill.
Lillian Crandell, Teacher.............................Ithaca
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Elizabeth Anne Hunt, Teacher.......................Holland
Beryl Kefgen, Teacher...............................Milan
Howard Potter, Teacher..............................Ithaca
Fred Judson Soule, Pastor Baptist Church....Somerville, N. J.

Class of 1907.

Paul J. Allured, Princeton Seminary............Princeton, N. J.
Gretta Bagley......................................Alma
Erle H. Casterlin, Insular Normal School................
.................................Rio Pedras, Porto Rico

---

*Deceased.

Mrs. Mayme Hayes-Hinds............................Toledo
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Helen B. Cook, Librarian Alma College..................Alma
Robert Craig, Jr., Forester.........................Hermansville
Harry W. Helmer, Athletic Director, Central Normal School ....Mt. Pleasant
Elvena G. Hoover, Teacher.................................Ovid
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Herman N. Morse, Union Theo. Seminary...........New York
Gladys Nelson, Teacher...................................Ithaca
Ruth O. Pierson, Chemist, State Board of Health........ ....Providence, R. I.
Ralph E. Raycraft, Prin. of Academy........North Chili, N. Y.
Lester W. Sharp, Student in University of Chicago..Chicago, Ill.
George D. Sutton, Student in Columbia University..New York

Class of 1909.

Mrs. Grace Brown-Tate.........................Denver, Colo.
Byron J. Chapel, Science Teacher............Redfield, S. Dak.
Maynard A. Cook, Teacher of Mathematics, High School..Caro
Harry A. Craig, Teacher of Science, High School..Mt. Pleasant
Lois L. Fraker, Teacher of Latin and German, High School, ...Grand Ledge
Hazel Fraser, Teacher in Public Schools................Alpena
Mark L. Marshall, McCormick Theo. Seminary........Chicago
Theodore Nelson, Teacher...................New Bremen, O.
Stella I. Pollard...........................Highmore, S. Dak.
Emma M. Swigart, Teacher of Latin and German....Charlevoix
Harlow W. Whittemore, Prof. Chem. and Physics, Highland University ....Highland, Kans.

Class of 1910.

Hazel S. Blair, Teacher in High School	Milan
Elsie E. Bond, Teacher in High School	Reed City
Royal R. Campbell, Physical Director in Public Schools,	Owosso
Cass Chase, Student in Law School	Detroit
Myrtie Creaser, Principal of High School	Carson City
Alexander Duncanson	Cass City
Stanley A. Graves, Clerk in M. C. R. R. offices	Detroit
Frank B. McComb, Principal of High School	Durand
Agnes R. Redman, Teacher in High School	Ovid

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Volume 9 Number 1

ALMA COLLEGE BULLETIN

CATALOGUE NUMBER

1911-1912

ALMA, MICHIGAN

PUBLISHED BY THE COLLEGE FOUR TIMES A YEAR
IN FEBRUARY, MAY, AUGUST AND NOVEMBER

FEBRUARY, 1912

CATALOGUE

OF

ALMA COLLEGE

FOR THE YEAR 1911-1912

WITH ANNOUNCEMENTS FOR THE YEAR
1912-1913

ALMA, MICHIGAN

Published by
THE COLLEGE

Entered April 20, 1904, at Alma, Mich., as second-class matter,
under Act of Congress of July 16, 1894.

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APLH.
1911-12.

CALENDAR.

1912		
April 3	Wednesday	Third Term begins.
May 31	Friday	Freshman Exhibition.
June 3	Monday	Final Examinations begin.
June 9	Sunday	Address before Christian Associations, 3:00 p. m. Baccalaureate Sermon, 7:30 p. m.
June 10	Monday	**CLASS DAY—** Class-Day Exercises, 8:00 p. m.
June 11	Tuesday	Closing Exercises of the Kindergarten Department, 10:00 a. m. Annual Concert, 8:00 p. m.
June 12	Wednesday	**ALUMNI DAY—** Graduating Exercises of the Academy, 10:00 a. m. Meeting of the Board of Trustees, 10:00 a. m. Meeting of Alumni Association. Senior Promenade, 8:00 p. m. President's Reception, 8:00 to 10.00 p. m.
June 13	Thursday	**COMMENCEMENT,** 10:00 a. m. Commencement Banquet, 1:00 p. m.

SUMMER VACATION.

Sept. 10	Tuesday	Matriculation
Sept. 11	Wednesday	First Term begins.
Nov. 28	Thursday	Thanksgiving Day Recess.
Dec. 20	Friday	First Term ends.

WINTER VACATION.

1913		
Jan. 7	Tuesday	Second Term begins.
Jan. 27	Monday	Semi-Annual Examinations begin.
Jan. 31	Friday	**FIRST SEMESTER** ends.
Feb. 3	Monday	**SECOND SEMESTER** begins.
Feb. 6	Thursday	Day of Prayer for Colleges.
Feb. 18	Tuesday	Mid-year Meeting of Board of Trustees.
Mar. 26	Wednesday	Second Term ends.

SPRING VACATION.

April 2	Wednesday	Third Term begins.
May 30	Friday	Freshman Exhibition.
June 19	Thursday	**COMMENCEMENT.**

IN NOMINE DEI, AMEN.

"Resolved, That in view of all the facts brought before us, we will, with God's help, establish and endow a college within our bounds."

—Synod of Michigan, Grand Rapids, Oct. 14, 1886.

The Corporation.

TRUSTEES.

Class of 1912—

Edgar A. Bagley, M. D., Alma.
Charles Moore, Detroit.
John F. Seeley, Caro.
John H. Plum, Milwaukee, Wis.
Lester A. Sharp, Alma.

Class of 1913—

Clarence B. Chatfield, Bay City.
J. H. P. Hughart, Grand Rapids.
Rev. David Howell, D. D., Lansing.
Robert S. Tracy, Sturgis.
John W. S. Pierson, Stanton.

Class of 1914—

Rev. Louis S. Brooke, Howell.
Francis King, Alma.
Francis Hood, Marinette, Wis.
Sarah H. Lancashire, Alma.
Leonard Laurense, Detroit.

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Rev. James M. Barkley, D. D., Detroit.
M. W. Tanner, Saginaw.
Rev. Daniel Stalker, D. D., Calumet.
Elmer A. Lyman, Ypsilanti.

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Albert P. Cook	Secretary and Assistant Treasurer

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Buildings and Grounds—Francis King, Charles Moore, Mrs. Sarah H. Lancashire.

Library and Museum—John W. S. Pierson, Francis Hood.

Curriculum—Kendall Brooks, Daniel Stalker.

Faculty, Instructors, Morals and Discipline—Elmer A. Lyman, Kendall Brooks.

Diplomas and Honorary Degrees—Louis S. Brooke and Daniel Stalker.

Farm—Edgar A. Bagley, John F. Seeley and Albert P. Cook.

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Mrs, August F. Bruske, Mrs. James W. Robinson, Mrs. William A. Bahlke.

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The Synod's Committee on Colleges.

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AUGUST F. BRUSKE, M. S., D. D., LL. D.
President, and Thomas Merrill Professor of Philosophy and Religion.
801 West Superior Street.

JOHN T. EWING, A. M.,
Alexander Folsom Professor of Greek and Latin.
315 Grant Avenue.

JAMES E. MITCHELL, A. M.,
Ammi W. Wright Professor of History and Political Science.
412 Maple Avenue.

FRANK N. NOTESTEIN, Ph. D.,
Ammi W. Wright Professor of Mathematics and Physics, and Dean of the Faculty.
231 Philadelphia Avenue.

JAY CLIZBE, A. M.,
Synod of Michigan Professor of Biblical Literature,
525 West Superior Street.

H. GRACE ANDREWS, B. L.,
Instructor in English and Dean of Wright Hall.
Wright Hall.

JANE MULLENBACH, A. B.,
Wells Professor of French and German.
Wright Hall.

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Wright-Davis Professor of Chemistry, and Secretary of the Faculty.
220 Maple Avenue.

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Nathan B. Bradley Professor of Biology and Geology.
714 State Street.

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Principal of the Academy and Instructor in Mathematics.
611 West Center Street.

GEORGE B. RANDELS, Ph. D.,
Professor of Psychology and Pedagogy.

HARLEM E. DENSFORD, A. M.,
Instructor in English Speech.
416 Maple Avenue.

KATE L. BOOTH,
Principal of the School of Art.
Wright Hall.

CAROLEEN ROBINSON,
Principal of the Training School for Kindergartners.
Wright Hall.

BESS LOU FARLEY,
Model Kindergartner.
Wright Hall.

MRS. JOSEPHINE ST. JOHN,
Principal of the School of Music and Instructor in Voice.
Diploma from the Royal Conservatory, Dresden.
301 Grant Avenue.

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Instructor in Piano and Pipe Organ. Post-graduate Indianapolis Conservatory of Music.
Wright Hall.

MINNIE M. CHEESMAN,
Instructor in Piano and Music Building, and Normal Methods.
413 Wright Avenue.

LUCY F. STRUBLE,
Instructor in Violin.
431 Gratiot Avenue.

LEORA JOHNSTON,
Instructor in History of Music and Voice Culture.
501 West Center Street.

LAURA F. INGMAN, A. B.,

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Wright Hall.

CYRUS B. GARDNER, M. D.,

Medical Examiner for Gymnasium Work.
420 State Street.

VIOLA H. WEIS,

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Instructor in German.
Wright Hall.

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Director of Physical Training for Men.
Instructor in History.
Pioneer Hall.

Student Instructors in the Academy.

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Instructor in Physics.
526 West Superior Street.

GAIL E. PEACOCK,

Instructor in Chemistry.
Wright Hall.

ROBERT F. HUME,

Instructor in Physiography and Botany.
301 Grant Avenue.

STANDING COMMITTEES OF THE FACULTY.

Admission—Professor Ewing, President Bruske, Professor West.

Aid to Students—President Bruske, Professors Ewing and Cook.

Appointments—Professors Mitchell and Randels and Miss Robinson.

Athletics—Professors Mitchell and Randels, Miss Andrews, Miss Weis, Mr. Grady.

Buildings and Grounds—Professors Cook, Notestein, MacCurdy and Miss Booth.

Commencement Exercises—President Bruske and the Principals of Schools.

Curriculum—Professor Ewing, President Bruske, Professors Mullenbach and West.

Degrees—President Bruske, Professors Clizbe and Notestein.

Discipline—Professors Notestein and Cook, and Miss Andrews.

Graduate Work—Professors MacCurdy, Ewing and Mullenbach.

Library, Museum, Apparatus—Professors Ewing, Mitchell, West, MacCurdy, Mullenbach.

Pioneer Hall—Professors Mitchell, Cook and Randels, Mr. Grady.

Publications—President Bruske, Professors Ewing, Cook, Mitchell.

Religious Exercises—President Bruske, Professors Clizbe and Notestein.

Teachers—President Bruske, Professors Notestein and Ewing.

OTHER OFFICERS.

ALBERT P. COOK, Secretary.
JOHN T. EWING, Registrar. HELEN B. COOK, Librarian.
FRANK R. HURST, Field Secretary.

Alma College

ORGANIZATION.

Alma College embraces five divisions: The College, The School of Pedagogy, The Academy, The School of Music, and the School of Art.

THE COLLEGE

THE TERMS OF ADMISSION.

All applicants must present testimonials of good moral character, and, if from other colleges, letters of honorable dismissal.

The unit of credit for preparatory work is a daily recitation for a school year. Fifteen such units are required for unconditioned entrance to the Freshman Class, as follows: English, three units; Mathematics, three units; History, one unit; Science, one unit; Foreign Language, two units; Electives, five units.

The five elective units may be selected from the following list of subjects:

Latin—2, 3 or 4 units.
Greek—2 units.
French—2 units.
German—2 units.
English—1 unit.
History—1 or 2 units.
Civics—½ unit.
Physics—1 unit.
Botany—1 unit.
Chemistry—1 unit.
Zoology—1 unit.
Physiography—½ unit.
Elem. Geology—½ unit.

The language requirement may be met by offering two units in either Latin, Greek, French or German. Candidates for the A. B. degree should offer four units in Latin. All students are advised to offer at least two units in Latin.

Candidates who are deficient in not more than one of the required fifteen units may be admitted conditionally to the Freshman Class, but the condition must be removed before work in majors is undertaken.

STATEMENT OF REQUIREMENTS.

English—

1. Grammar and Composition. One unit.
2. Rhetoric and Composition. One unit.
3. English and American Classics. One unit.

For Reading. 1.—The candidate will be required to present evidence of a general knowledge of the subject matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of the topic is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of a test, the candidate may present an exercise book, properly certified by his instructor, containing composition or other written work done in connection with the reading of the books.

The books set for this part of the examination are:

1912, 1913—George Eliot's Silas Marner; Bunyan's The Pilgrim's Progress; The Sir Roger de Coverley Papers; Scott's Ivanhoe, and Lady of the Lake; Shakespeare's Merchant of Venice, and Julius Caesar; Tennyson's Gareth and Lynette, Launcelot and Elaine, and the Passing of Arthur; Irving's Sketch Book; Franklin's Autobiography; Macaulay's Lays of Ancient Rome; Hawthorne's The House of the Seven Gables; Dickens' A Tale of Two Cities.

For Study—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form and structure.

1912, 1913 — Shakespeare's Macbeth; Burke's Speech on Conciliation with America, or Washington's Farewell Address; Webster's First Bunker Hill Oration; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Latin—

1. Latin Lessons, including thorough drill in declensions and conjugations and the essential rules of syntax, and easy reading. One unit.

2. Four books of Caesar's Gallic War, or selections from the Gallic War, Civil War, and Nepos. 'One unit.

3. Six orations of Cicero, or selections from Cicero and Sallust. One unit.

4. The first six books of Vergil's Aeneid; or I-IV, with 1,500 lines of Ovid. One unit.

5. Translation at sight of passages of prose and verse and work in composition based upon the prescribed prose read in class.

Greek—

1. Greek Lessons, including thorough drill in inflections and the fundamental rules of Syntax. Xenophon's Anabasis, Book I. One unit.

2. Xenophon's Anabasis, two books, with prose composition. Homer's Odyssey, two books. One unit.

German—

1. Elementary Grammar; German Reader, Glueck Auf; Immensee. One unit.

2 Grammar Review; Wilhelm Tell and Die Journalisten, or equivalents. One unit.

French—

1. Rudiments of French Grammar. Reading of easy prose. One unit.

2. Review of Grammar. Reading, composition, and colloquial practice. One unit.

History—

1. General History. One unit.
2. (a) Grecian History. One-half unit.
   (b) Roman History. One-half unit.
3. (a) United States History. One-half unit.
   (b) Civics. One-half unit.
4. Advanced Unites States History. One unit.

Mathematics—

1. Algebra. Factors, common divisors and multiples, equations of the first degree with one or more unknown quantities, involution, including the binomial theorem for positive entire exponents, evolution, the doctrine of exponents, radicals and equations involving radicals, quadratic equations of one and two unknown quantities, ratio and proportion, arithmetical and geometrical progressions. One and one-half units.

2. Geometry. Plane, solid and spherical geometry, including the solution of simple, original exercises and numerical problems. One and one-half units.

Science—

1. Physics. The equivalent of Carhart and Chute's High School Physics, together with an approved laboratory course of not less than forty experiments actually performed at school by the candidate. One unit.

2. Botany. The equivalent of Bergen's Foundations or Stevens' Introduction to Botany, together with an approved laboratory course involving the detailed examination of not less than forty plants. One unit.

3. Chemistry. The non-metallic elements, as usually given in High school text-books, together with an approved laboratory course of not less than forty experiments actually performed by the candidate, as given in Remsen's or Williams' Laboratory Manual. One unit.

4. Zoology. A course of laboratory and field work in this subject as treated in such text-books as Jordan or Davenport. A note-book should be kept and presented at entrance. One unit.

5. Physiography. One-half year's work in this subject as treated in Tarr's or Davis' text-book. One-half unit.

6. Elementary Geology. Laboratory and field work. One-half unit.

METHODS OF ADMISSION.

I. By Examination.

Examinations for admission will be held on Tuesday, September 10, 1912, beginning at 9 o'clock a. m. The entrance examinations are designed to test the ability of the candidate to undertake the course of study, and not merely to ascertain the character and amount of his acquired knowledge.

II. By Certificate.

Examinations will be waived in the case of applicants who present certificates of graduation from the Academy of Alma College, or from any **accredited** High school having equivalent courses. Applicants from accredited High schools must send or present in person a full statement by the proper persons of the work done in each study. Blank forms for this purpose may be obtained on application to the Registrar. **An examination in any or all of the subjects for examination outlined on pages nine to twelve will be required of applicants from accredited schools who are not provided with such certificates.**

Candidates for advanced standing will be examined on the subjects previously studied by the classes they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismission and also careful statements, duly verified, of the studies pursued and the credits received therein.

III. Partial Courses.

Students desiring to pursue partial courses in the College **must meet the requirements for admission to one or other of the College courses of study, either upon examination or certificate.** In laying out their work, they are required to consult with the instructors in charge of the subjects they wish to pursue, and they will be subject to the same regulations as to College requirements, number of hours of work, etc., as other students. They will not be regarded as candidates for a degree. A certificate setting forth the amount of work which has been done will be given any such student as requests it.

THE REQUIREMENTS FOR GRADUATION.

The standard unit of credit used in estimating college work is one recitation period a week for one semester, or one "semester-hour." In laboratory courses a two-hour period is considered equal to a one-hour recitation period. One hundred and twenty semester hours are required for graduation, making the average requirement per semester fifteen recitation periods a week. The recitation period is 55 minutes in length.

The subjects comprised in the college course of instruction are arranged in groups, each of which contains (a) certain subjects required of all students; (b) two major subjects; (c) general electives, the choice of which is unrestricted.

(a) The required subjects are the following: English, six hours; Mathematics, eight hours; History, six hours; Laboratory Science, six hours; Philosophy, six hours; Bible and Theism, seven hours; Elocution, two hours; Physical Training, two hours; Foreign Language, twelve to sixteen hours.

(b) In order to secure to the student the advantage of intensive work, he is required at the proper time to choose two subjects in which he must secure a total credit of forty hours. Ordinarily, this special work should be done in the Junior and Senior years and certain prerequisite courses must be taken in the first two years of the course. A thesis on a theme approved by the instructor may also be required.

(c) The remainder of the one hundred and twenty hours may be elected from any of the departments of instruction of the college proper. The following subjects may be elected, with due regard to the limitation imposed by the program of recitations:

Art.
Astronomy.
Biology.
Chemistry.
English.
French.
Geology.
German.
Greek.
History.
Latin.
Mathematics.
Music.
Oratory.
Pedagogy.
Philosophy.
Physics.
Political Economy.

The groups from which the choice of major subjects for 1912-1913 may be made are given below:

I. Latin—Greek.
II. History—Economics.
III. English—Modern Language.
IV. English—Latin.
V. English—History.
VI. Political Science—Oratory.
VII. Mathematics—Laboratory Science.
VIII. Chemistry—Biology.

The degree of A. B. will be given to those students who complete Group I; that of Ph. B., to those who complete any one of Groups II-VI; and that of B. S., to those who complete Group VII or VIII.

The Bachelor's degree will not be conferred upon a student unless he has been in residence at least a year.

Freshman Year.

For the convenience of the student in the selection of his studies, the work of the Freshman year is here presented in section form:

I.		III.		V.	
English	3	English	3	English	3
Latin	4	Latin	4	French	4
Greek	4	French	4	Chemistry	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2
II.		IV.		VI.	
English	3	English	3	English	3
Latin	4	French	4	French	4
History	3	History	3	Biology	3
Mathematics	4	Mathematics	4	Mathematics	4
Bible-Elocution	2	Bible-Elocution	2	Bible-Elocution	2

Sophomore Year.

In the work of the Sophomore year must be included a second year in each foreign language taken and two hours of Bible, and the student is advised to include the required History and Science, if these have not been taken. The rest of his work may be made up of general electives or majors.

PREPARATION FOR PROFESSIONAL WORK.

Through the grouping system Alma College offers the student increased facilities for shaping his vocational preparation, while it requires at the same time the broad basis of knowledge and training which is so essential to real success in all lines of activity.

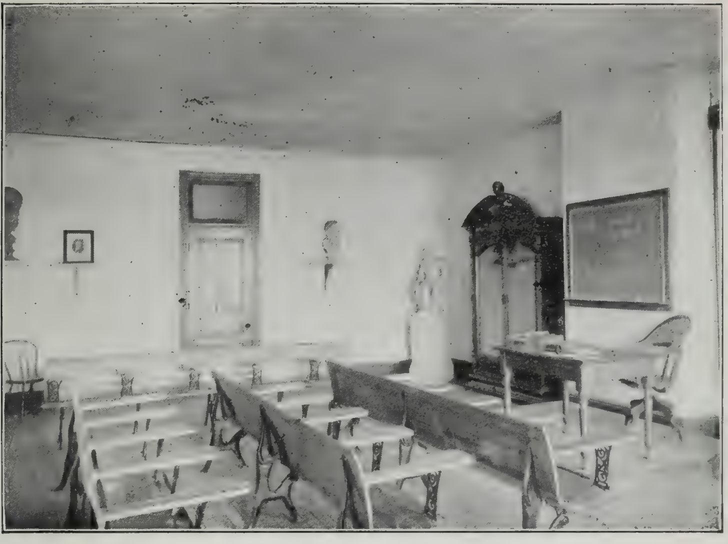
Law—The student who expects to enter upon the study of the law should do his major work in the History-Economics or the Political Science-Oratory group, with electives in Philosophy and Sociology.

Medicine—The Chemistry-Biology group offers lines of major and elective work which are especially useful in preparation for the study of medicine. These departments are well equipped with facilities for laboratory work under competent instruction, and offer a wide range of courses to pre-medical students.

Engineering—Students expecting to become engineers should do major work in the Mathematics-Laboratory Science group, which offers a number of courses in the mathematics, sciences and modern languages which form a fundamental part of all engineering courses.

Teaching—The College makes especial provision for the needs of prospective teachers, (a) in its pedagogical courses, (b) in its special courses in the methods of teaching specific subjects, (c) in its offer of a State teacher's certificate to those who meet the requirements of the pedagogical course. The student who expects to teach a particular subject should choose it as one of his majors.

Christian Work—For the training of young people who desire to enter upon any form of Christian work, such as the ministry, Bible teaching, Y. M. C. A. and Y. W. C. A. work, church work, missionary work, etc., the College offers a year course in Bible study and kindred subjects. The course is made up in part from the regular work of the Academy and the College, and in part of lectures and classes in special subjects. The outline of this course is as follows:



The President's Room

The Greek and Latin Room

Academy.

First Semester.		Second Semester.	
Junior Year—Old Test.	2	Junior Year—Bible Geography	2
Senior Year—History of the Jews	2		

College.

Biblical Literature	2	Logic	3
Theism	3	Ethics	3
Biblical Theology	2	Elocution	2
English	3	English	3
History of the Bible	2	Biblical Pedagogy	2
College Elective	3	College Elective	3
		Biblical Literature	2

Lectures on Evangelism, Y. M. C. A. work, etc.

Certain of the subjects in this course may be elected by regular College students.

COURSES OF INSTRUCTION.

GREEK LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Lysias and Xenophon** — Review of grammar. Prose composition. History of Greek literature. Four hours, first semester.

2. **Homer**—Book I of the Iliad, with a careful study of forms and prosody; rapid reading of books II-VI, or of selections from other books; topical study of the Homeric Age. Greek literature. Four hours, second semester.

3. **Herodotus, Thucydides**—Notes on Greek constitutional development; rapid reading of portions of Xenophon's Hellenics and Demosthenes' Philippics. Four hours, first semester. 1912-1913.

4. **Greek Tragedy**—The reading of selected plays; a study of the development of Greek dramatic art, and of the theatre and scenic representations. Four hours, second semester. 1912-1913.

5. **Lyric Poetry**—Readings from the elegiac and melic poets; a study of verse-form and of style. Four hours, first semester. 1913-1914.

6. **Greek Comedy**—Reading of selected plays of Aristophanes; a study of the development of comedy through its three phases and of its influence upon Roman Comedy. Four hours, second semester. 1913-1914.

Courses 5 and 6 alternate with Courses 3 and 4.

7. **Plato**—Readings from the Apology, Crito and Phaedo; the life and character of Socrates; outlines of Greek philosophy. Three hours, first semester. 1913-1914.

8. **Theocritus and Lucian**—Studies in the later literature. Three hours, second semester. 1912-1913.

9. **New Testament Greek**—Rapid reading of selections; study of the peculiarities of Hellenistic Greek. Three hours, second semester. 1913-1914.

10-11. **Greek Literature in English**—A rapid survey of the whole field of Greek literature. Open to seniors and juniors. A knowledge of Greek not necessary. Three hours throughout the year. 1912-1913. .

LATIN LANGUAGE AND LITERATURE.

JOHN T. EWING, Professor.

1. **Cicero, De Senectute**—Word analysis and inflections; selections from Ennius, Catullus, Lucretius, Vergil's Eclogues, Sallust; Roman Literature of the Republic. Four hours, first semester.

2. **Livy**—Book XXI; Review of Syntax; a play of Plautus or Terence; Topography of Ancient Rome. Four hours, second semester.

3. **Horace**—Odes and selections from Epodes; Roman Literature of the Augustan age. Three hours, first semester.

4. **Pliny's Letters**—Selections from Martial, Tacitus, and Suetonius; Roman Literature of the Empire. Three hours, second semester.

5. **Roman Drama**—Plautus, Terence, Seneca. Three hours, first semester. 1913-1914.

6. **Roman Philosophy**—Lucretius, Cicero, Seneca. Three hours, second semester. 1913-1914.

7. **Roman Satire**—Horace, Persius, Juvenal. Three hours, first semester. 1912-1913.

8. **Roman Lyric Poetry**—Catullus, Tibullus, Propertius. Three hours, second semester. 1912-1913.

9. **The Latin Language**—Open only to students who take Latin as a major study. A thorough study of the sounds, inflections and syntax. Three hours throughout the year.

ENGLISH LANGUAGE AND LITERATURE.

H. GRACE ANDREWS, Instructor.

1. **Introduction to Study of English Literature**—Selections from English literature; constructive English; daily papers; rhetoric. Required of Freshmen. Three hours throughout the year.

2. **Anglo-Saxon**—Grammar, reading of Beowulf. Required of Sophomores who choose English as a major. Three hours a week throughout the year. 1912-1913.

3. **Chaucer and Spenser**—Sophomore study. Two hours throughout the year. 1913-1914.

4. **Advanced Composition** — Practice and illustration in special forms of writing. Designed to cultivate readiness in writing. Must be preceded by Course I. Two hours, second semester. 1912-1913.

Courses open to Juniors and Seniors:

5. **Shakespeare**—Reading of typical plays. Three hours throughout the year. 1913-1914.

6. **Minor Elizabethan Dramatists**—Two hours throughout the year. 1914-1915.

7. **Milton**—Two hours, first semester. 1914-1915.

8. **The English Novel**—Twelve great English novels will be read. Two hours throughout the year. 1914-1915.

9. **Eighteenth Century Literature** — Addison, Swift and Steele, De Foe, Pope, Johnson, Goldsmith, Gray. Two hours throughout the year. 1912-1913.

10. **Nineteenth Century Poetry**—Romantic and Victorian poets. Three hours throughout the year. 1912-1913.

11. **Nineteenth Century Prose**—Carlyle, Emerson, Arnold, Ruskin. Two hours throughout the year. 1913-1914.

12. **Tennyson**—Two hours, second semester. 1914-1915.

13. **Browning**—Two hours throughout the year. 1913-1914

HISTORY AND POLITICAL PHILOSOPHY.

JAMES E. MITCHELL, Professor

1. **European History**—From the Fall of the Roman Empire in the West to the Protestant Revolution. Three hours a week, first semester.

2. **European History**—From the Protestant Revolution to the Congress of Vienna, 1815. Three hours, second semester.

3. **The History of Europe since the Congress of Vienna, 1815**—Open to those who have taken Courses 1 and 2. Three hours, second semester. 1912-1913.

4. **History of England**—Political and Constitutional. Three hours throughout the year. 1913-1914.

5. **History of the United States**—Colonial and Revolutionary Periods, 1492-1789. Three hours, first semester. 1913-1914.

6. **History of the United States**—National Development and the Slavery Question, 1789-1861. Three hours, second semester. 1913-1914.

7. **History of the United States**—The Civil War and Reconstruction, 1861-1876. Three hours, first semester. 1912-1913.

8. **The State**—A discussion of the origin, forms and ends of the State, together with a history of the formation of the Constitutions of England, France, Germany and the United States. Courses 1, 2 and 3 in History should precede this Course. Three hours, first semester. 1913-1914.

9. Political Philosophy—A history of political theories from Plato to Luther. Open to those who have taken Courses 1 and 2 in History. Three hours, first semester. 1912-1913.

10. Political Philosophy—A history of political theories from Luther to Montesquieu. Open to those who have taken Course 9. Three hours, second semester. 1912-1913.

11. American Government—An analysis of the nature structure and working of the Federal Government and a comparison with the English system. Three hours. second semester. 1913-1914.

12. English Government—A study of the English government as it exists today. Three hours throughout the year 1913-1914.

ECONOMICS AND SOCIAL SCIENCE.

JAMES E. MITCHELL, Professor.

1. Principles of Economics—This course is designed to cover the more important portions of the general field of Economics. The student is expected to assimilate the general principles of the subject and be able to apply them to the discussion of practical questions. An excellent library of Economics, containing all the important treatises in English on the subject, is at hand, and students are required to use it freely. Three hours, first semester.

2. Money and Banking—A discussion of the theory and history of money and banking with special reference to the United States. The gold standard; bimetallism; fiat money; our present currency, with proposed changes; functions of a bank; first United States Bank; second United States Bank; our present national banking system; our state banks; the Bank of England; Bank of France; Reichsbank of Germany; are some of the subjects considered. Three hours, second semester. 1913-1914.

3. Principles of Taxation—The historical development of taxation; a study of the different kinds of taxes, as the general property tax, the single tax, inheritance tax; taxation of corporations; double taxation, together with reforms in taxation. Three hours, first semester. 1912-1913.

4. Corporations—A study of modern industrial combinations, their history in the United States from the pool to the trust and holding company. Typical cases are studied and principles deduced therefrom. Greene's Corporation Finance and Ripley's Trusts, Pools and Corporations are used as textbooks. Three hours, second semester. 1912-1913.

5. Principles of Sociology—An advanced general course, It includes an analysis and classification of social facts; discussion of the principles of social theory and the process of socialization; study of social feeling, public opinion, and organized action; an inquiry into the causes of emotional epidemics, panics, mob violence, revolutions; an explanation of the growth of public opinion on great questions; an attempt to show from history and current events that public action is governed by definite laws of social change. Giddings' Principles of Sociology is used as a text. Three hours, second semester. 1913-1914.

ENGLISH SPEECH.

HARLEM E. DENSFORD, Instructor.

The work in English speech begins with the second semester of the Freshman year and may continue unbroken throughout the college course. The instruction offered is intended to be sane, practical and progressive. Opportunities for public appearances are provided through special chapel exercises, the rhetorical exhibition, and the inter-society and inter-collegiate contests in debates and oratory.

1. Practical Elocution—A study of the philosophy of public speaking, the training of voice and body, exercises in declamation. This course, or its equivalent, must precede all other courses in the department. Two hours, second semester.

2. Debating — Pattee's Practical Argumentation supplemented by debates by members of the class. Three hours, first semester. 1912-1913.

3. Advanced Debating—Alden's Art of Debate, a continuation of Course 2, by which it must be preceded. Three hours, second semester. 1912-1913.

4. **Oratory**—History of American Oratory, principles of oratorical composition, study of masterpieces, composition and delivery of orations. Special attention is paid to the eulogy and the popular address. Three hours, first semester. 1913-1914.

5. **Oratory**—A continuation of Course 4, by which it must be preceded. History of English Oratory, study of masterpieces, composition and delivery of orations. Special attention is paid to forensic and after-dinner speeches. Three hours, second semester. 1913-1914.

6. **Dramatic Interpretation**—Critical study of three of Shakespeare's plays. Presentation of selected scenes. Three hours, first semester. 1912-1913.

7. **Extemporization**—Principles of extemporization. Delivery of descriptions, narrations, expositions, arguments, speeches of introduction and after-dinner addresses. Two hours, second semester. Required of seniors.

8. **Interpretation of American Poetry**—A study of the writings of our leading poets. Students will memorize and deliver assigned selections and present essays on designated topics. Three hours, first semester. 1912-1913.

9. **Interpretation of English Poetry**—The memorization and delivery of selected poems; the presentation of a critical paper; drills in oral reading. Three hours, second semester. 1912-1913.

10. **Platform Reading**—The preparation and public recital of an evening's program by each member of the class. The program mav consist of miscellaneous readings, a lecture-recital, the monologuing of a standard drama or the dramatization of a standard novel. Two hours, first semester. 1913-1914.

11. **Forensic Oratory**—Snyder's Great Speeches by Great Lawyers. Forensic addresses by members of the class. Three hours, first semester. 1913-1914.

Courses 1 and 7 are required of all regular students; the others are elective.

MATHEMATICS.

FRANK N. NOTESTEIN, Professor.

1. **College Algebra**—This course includes Logarithms, Progressions, Binomial Theorem, Undetermined Co-efficients, Series and the Solution of Higher Equations. Four hours, first semester.

2. **Plane and Spherical Trigonometry**—In this course special attention is given to the functions of angles, the transformation of trigonometric expressions, Napier's rules of circular parts, the solution of problems and the application of Spherical Trigonometry to Astronomy. Four hours, second semester.

3. **Analytical Geometry**—

(a) This course deals with the straight line, and the conic sections. Three hours, first semester.

(b) Deals with higher plane curves, the general equation of the second degree and geometry of three dimensions. Three hours, second semester.

The object of these courses is to familiarize the student with the methods of analytical reasoning.

4. **Surveying**—This is an elementary course open to students who have taken Courses 1 and 2. Three hours, with field work during the spring term, second semester. 1913-1914.

5. **(a) Differential Calculus**—Course (a) includes a study of the rules and formulae for differentiation, expansion of functions, indeterminate forms, application of the calculus to curves, maxima and minima. Five hours, first semester.

(b) Integral Calculus—This course includes a study of the Methods of Integration, the application of integral calculus to curves, areas, volume, moment of inertia, pressure, etc. Five hours, second semester.

6. **An Advanced Course**—Selected to suit the needs of the class; open to students who have taken Courses 5a and 5b. Five hours. 1912-1913.

7. **Analytical Mechanics**—

(a) This course treats of the fundamental principles of Mechanics, the composition and resolution of forces, center

One of the Chemistry Laboratories

of mass, friction, virtual velocity, machines, attraction, rectilinear and curvilinear motion. Five hours, first semester. 1912-1913.

(b) This course treats of the laws of motion, central forces, vis viva, impact, work and energy, moment of inertia, rotary motion, motion of a system of rigid bodies in space. Five hours, second semester. 1912-1913.

Courses 1 and 2 are required of all candidates for a degree; Courses 3 to 7 are elective.

PHYSICS.

FRANK N. NOTESTEIN, Professor.

1. **Mechanics, Acoustics and Optics**—This course treats of the fundamental principles of mechanics, sound and light, and includes a study of physical measurements, machines, the laws of motion, friction, work and energy, gravitation, the properties of solids, liquids and gases, wave motion, nature and propagation of light, reflection and refraction of light, photometry and illumination, the phenomena of color and wave length, nature of elastic bodies, forced vibrations and resonance, properties of musical sounds, laws of vibrating strings and wind instruments, with laboratory work. Three hours, first semester.

2. **Heat and Electricity**—The object of this course is to familiarize the student with the fundamental principles and laws of heat, magnetism and electricity. It includes a study of the nature of heat-effects, sources of heat-energy, mechanical equivalent, specific heat, molecular changes, transformation of heat energy, the general properties of magnets and magnetic fields, terrestrial magnetism, static electricity, general properties of electric changes, electric potential and induction, electric conduction, electric measurements, electric appliances, electricity harnessed, with laboratory work. Three hours, second semester

3. **An Advanced Course in Mechanics, Sound and Light**—Open to students who have completed Courses 1 and 2. It includes a study of the properties and conservation of matter.

kinematics, sound sensation, tones and noises, the physical theory of music, architectural acoustics, dispersion of light and spectrum analysis, polarization and double refraction, with laboratory work. Three hours, first semester.

4. **An Advanced Course in Heat and Electricity**—Open to students who have completed Courses 1, 2 and 3. It embraces a study of the kinetic theory of matter, thermodynamics, calorimetry, the liquefaction and solidification of gases, radioactivity, electric statics, electro-kinetics, thermo-electricity, electro-magnetic mechanics, determination of electric constants, with laboratory work. Three hours, second semester.

CHEMISTRY.

FRANCIS E. WEST, Professor

1. **Advanced Inorganic Chemistry and Qualitative Analysis**—This course must be preceded by the course in General Inorganic Chemistry as given in the Senior Year of the academy, or its equivalent. The first part of the course will deal with some of the more advanced problems of inorganic chemistry and will serve as an introduction to the qualitative work. The course includes the identification and separation of the various elements and groups of compounds as based upon the theory of ionization and dissociation. Texts: Morgan's Qualitative Analysis and West's Laboratory Outlines. Two recitations and four hours of laboratory work, first semester.

2. **Qualitative Analysis**—This course is a continuation of Course 1 and deals with the separation and identification of the constituents of the more complex commercial and natural products by both the wet and dry methods. Texts, same as in Course 1. Courses 1 and 2 constitute a year course in Qualitative Analysis. Two recitations and four hours of laboratory work, second semester.

3. **Quantitative Analysis**—Quantitative determinations are made of chemical compounds, commercial products, ores, and soils. Accuracy and neatness in the work are among the objects

sought. Lincoln and Walton's Quantitative Analysis is used for reference. One recitation and four hours of laboratory work, first semester.

4. Volumetric Analysis—A study of the methods of making quantitative determinations by means of solutions of known value, with laboratory work in calibrating the various pieces of apparatus used, in making normal and standard solutions, and in using these solutions in making quantitative determinations of the strength of acids and alkalies; also the use of these in making determinations of the amount of sodium, iron, copper, chlorine, etc., present in various compounds. One recitation and four hours of laboratory work, second semester.

Courses 3 and 4 together constitute a year course in Quantitative Analysis.

5. Organic Chemistry, Aliphatic Compounds—A study of the text, lectures and laboratory work in making synthetic preparations such as ethers, chloroform, ethyl bromide, acetal chloride, methyl amine, etc. Text: Perkin and Kipping's Organic Chemistry and Cohen's Practical Organic Chemistry, with laboratory outlines. Two recitations and four hours' laboratory work, first semester.

6. Organic Chemistry, Aromatic Compounds—A continuation of Course 5. Laboratory work in preparing such aromatic compounds as nitrobenzene, phenyl bromide, sulphanilic acid, aniline, malachite green and experiments with certain carbohydrates. Text, same as in previous course. Courses 5 and 6 constitute a year course in Organic Chemistry. Two recitations and four hours of laboratory work, second semester.

7. Iron Ore Analysis—A technical course which has been planned to meet the needs of students who desire to work in the chemical laboratories of iron mining companies. The outlines used in the work include the methods used in the best iron mining laboratories of Michigan and Minnesota. Short but accurate methods are used for making determinations of the amount of iron, phosphorus, sulfur, aluminum, silica, lime, and manganese present in ores. One recitation and three hours' laboratory work, first semester. **1912-1913.**

8. Industrial Chemistry—A lecture course, with reference work, which will deal with chemistry in its relation to the various industries. Two hours, second semester. 1912-1913.

9. Foods and Food Analysis—A discussion of the nutritive value, nutritive ratio, composition, and adulteration of the various foods, with laboratory work in testing for adulterants and in making analyses of the various foods and food products. This course will be helpful to all who desire to know something of the value of the various foods from the standpoint of nutrition and to students who have in view the study of medicine or work as chemists in the various government food laboratories and in the laboratories of the Dairy and Food Commissioner. One recitation with reference reading and three hours of laboratory work, first semester. 1913-1914.

10. Plant and Soil Analysis—A study of the elements essential for plant growth and work with soils to see to what extent these elements are present in soils. One recitation and three hours' laboratory work, first semester. 1913-1914.

Course 3 must be preceded by Course 1 or its equivalent.

Course 8 must be preceded by Courses 1, 3 and 4.

Course 6 must be preceded by Course 5.

Course 9 must be preceded by Courses 1 and 5. Students taking other groups than the Mathematics-Laboratory Science and Chemistry-Biology, may take Courses 9 and 10 and receive credit in proportion to the amount of work done.

The courses should be taken in the order in which they appear and no credit will be given in a year course unless the full year's work is completed.

BIOLOGY.

HANSFORD M. MacCURDY, Professor.

The courses in this department are designed to meet the needs of those students who are seeking general culture and of those who wish a more special training in preparation for the work of teaching, for work in forestry, and for the study of medicine. The courses consist of laboratory work, field studies, lectures and quizzes. A judicious use of text and reference books is a part of the work. The museum is an excellent source of materials for illustration.

1 and 2. General Biology—The work in general biology is designed to give the student a knowledge of the general principles of biology developed from the study of typical forms of plants and animals. It also lays the foundation for more advanced work and helps to a better understanding of life phenomena and the literature which deals with biological subjects. In addition to the general principles, emphasis is laid on the methods of observation and the interpretation of biological phenomena. The course is open to all College students. Two laboratory periods and two recitations throughout the year.

3. Morphology and General Physiology of Plants—This course includes a study of plant forms and their development, the development and relationships of the different members of the plant body, plant cells and cell structures, plant tissues and their development and functions. Emphasis is laid on the interrelations of structure and function. Such texts as Strasburger, Coulter and Barnes, Vines, Stevens, Zimmerman's Microtechnique, and others are useful in this course. Two laboratory periods and two recitations, first semester. 1913-1914.

4. Ecological Botany—The work in this course depends upon the satisfactory completion of Course 3. It includes the study of the biological relations of plants, their adaptations and the chief factors determining plant distribution and associations. Warming's Plant Ecology, Clement's Research Methods, and Cowles and such reading as is available from the basis of the course. Two recitations and three hours' laboratory or field work, second semester. 1913-1914.

5. Advanced Zoology—This work includes both field and laboratory studies. It includes the study of functional and structural adaptations, variation, distribution and classification, together with the consideration of the biological and economic relations of the important group and species. Special attention is given Insects and their economic relations with some field work. The laboratory work includes the study of adaptive structures and life histories of typical forms. Two laboratory periods and one recitation, second semester. 1912-1913.

6. Comparative Anatomy of the Vertebrates—Lectures and recitations on the comparative anatomy and general physiology of vertebrates. The laboratory work is on vertebrate types which are studied with special reference to human anatomy and physiology. The course is of value to those preparing to teach and of special interest to those preparing for the study of medicine as well as of general interest to others. Such books as Wiedersheim's Comparative Anatomy, Parker and Haswell's text book of Zoology, vol. II, Jennings and Reighard's The Cat, are the most useful references. Two laboratory periods and two recitations, first semester. 1912-1913.

7. Laboratory Methods and Histological Technique—(General Histology). The general and some of the more special methods of histology are put to practical use in the study of the finer structures and the functions of the various organs, tissues and cells. Experience in the preparation of microscopical slides is gained. The recitations and lectures include comparative studies of the structure and function of the chief tissues and organs. For example, the comparative study of the nervous tissues affords a good foundation for the study of Psychology. The texts most used are Dahlgren and Koepner, Guyer, while such books as Hill, Huber, Stohr and Schneider are used as reference. Two laboratory hours and one recitation a week, second semester. 1912-1913.

8. Organic Evolution, or Theories of Development—An elective course is offered to advanced students in the study of the theories of evolution and the principles of heredity. The evidences for and against the theories are alike considered. The evidences of structure, development, palaeontology distribution and variation, and the facts of natural selection, inheritance, mutation and orthogenesis are treated non-technically, with reference to their general bearing. Three hours, first semester. 1913.-1914.

9. Embryology—A study of the segmentation and development of the germ layers and early development of the principal structures of the vertebrate body. This is fundamental to a clear conception of many problems in biology. Two recitation and two laboratory periods, first semester.* 1912-1913.

GEOLOGY.

HANSFORD M. MacCURDY, Professor.

This course is planned to give a general knowledge of geology by a study of the geological changes of the present and by presenting the chief facts and theories. A fair knowledge of dynamic, structural, and historical geology is sought, attention being given to the geology of the North American continent and the geological history of Michigan. A good collection of minerals, rocks and fossils is available for laboratory work. The course includes the use of a manual, lectures, selected readings, laboratory work and field studies. Three hours throughout the year. 1912-1913.

ASTRONOMY.

FRANK N. NOTESTEIN, Professor.

The aim of this course is to give the student a general knowledge of descriptive and mathematical astronomy. The instruction is based upon the use of a text-book, supplemented by lectures. Some time is given to the study of the heavens to enable the student to become acquainted with the names and positions of the principal stars and constellations. Three hours, first semester. 1913-1914.

GERMAN.

JANE MULLENBACH, Professor.

1. **Easy Reading in Nineteenth Century Prose**—This class will be conducted in German. Short compositions based on the text will be assigned once a week. This course is required of all third year students. Three hours, first semester.

2. Continuation of Course 1—Three hours, second semester.

3. Schiller's Wilhelm Tell, Hermann und Dorothea, Egmont—The class work will be in German as far as possible. Literary criticism and exposition will be given by the instructor. This course will be required of all fourth year students. Three hours, first semester.

4. Continuation of Course 3—Three hours, second semester.

Junior and Senior Electives.

5. Dippold's Scientific German Reader—This course is offered to students in the sciences who have had two years of German. Two hours throughout the year. 1913-1914.

6. Schiller—Thomas' Life of Schiller for study and reading. Die Braut von Messina. Translation and criticism. Three hours, first semester. 1912-1913.

7. Course 6 Continued—Translation of Wallenstein, with literary criticism. Three hours, second semester. 1912-1913.

8. Goethe—Iphigenie, translation, with critical study. Two hours, first semester. 1913-1914.

9. Faust—Translation, with critical study. Two hours, second semester. 1913-1914.

10. Lessing—Hamburgische Dramaturgie, translation, with critical study. Two hours, first semester. 1914-1915.

11. Lessing—Laocoon. Translation, with critical study. Two hours, second semester. 1914-1915.

12-13. History of German Literature—Two hours throughout the year. 1912-1913.

***14-15. Teachers' Course**—Open to those who wish to teach German in the secondary schools. Two hours, throughout the year. 1912-1913.

16-17. Seminar—Open to seniors. Two hours throughout the year.

1. The Storm and Stress Movement.
2. The Modern German Drama. Grillparzer, Hauptman, Sudermann.
3. The Modern German Novel. Frenssen, Raabe, Meyer.

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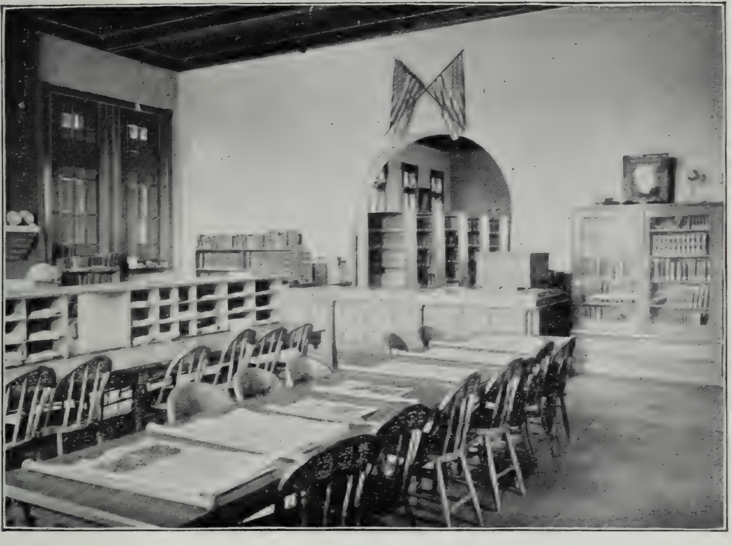
*(a) Practice in the art of teaching grammar, and one text in literature.

(b) One hour a week will be devoted to advanced prose work.



The Library Reading Room

The Interior of Hood Museum

FRENCH.

JANE MULLENBACH, Professor.

1. Fraser and Squair's French Grammar—Guerber's Contes et Legendes. Four hours, first semester.

2. Continuation of Course 1—Malot's Sans Famille. Four hours, second semester.

3. Prose Composition — Translation of Feuillet's Jeune Homme Pauvre. Outside reading, Merimee's Colomba. Four hours, first semester.

4. Prose Composition—Hugo's Quatre-Vingt Trieze. Outside reading. Loti's Pecheur D'Islande. Sight reading, Selections from Guy de Maupassant. Four hours, second semester.

5. Moliere—Le Misanthrope, Le Bourgeois Gentilhomme. Three hours, first semester. 1913-1914.

6. Hugo—Hernani, **Rostand,** Cyrano de Bergerac. Three hours, second semester. 1913-1914.

7. Hugo—Les Miserables. Three hours, second semester. 1912-1913.

8. Balzac—Le Pere Goriot. Three hours, second semester. 1912-1913.

9. History of French Literature—With special attention to the Classical Period. Prescribed readings: Corneille's Le Cid, Racine's Athalie. Three hours, first semester. 1914-1915.

10. History of French Literature (Continued)—Reaction and Rise of Romanticism; The Naturalistic School of the Nineteenth Century. Readings: Sands, La Mare au Diable; Balzac, Cinq Scenes de la Comedie Humaine; Zola's La Debacle. Three hours, second semester. 1914-1915.

PHILOSOPHY AND RELIGION.

AUGUST F. BRUSKE, Professor.

1. Biblical Theology—Two hours, first semester.

2. Biblical Pedagogy—Two hours, second semester.

3. Theism—Three hours, first semester.

4. Logic—The principles of deductive and inductive reasoning are studied. The laws of thought and forms of argument are carefully explained and applied in the detection of fallacies in reasoning. Three hours, second semester.

5. Ethics—A discussion of the moral basis of conduct with the application deduced to the problems of life. Three hours, second semester.

6. History of Philosophy—An outline study of the various schools of philosophical thought from the Greeks to the present day. Three hours, first semester.

THE BIBLE AND THEISM.

The PRESIDENT and Professor CLIZBE.

Since the religious faculties are the highest and noblest, their training has been given the place of first importance. The instruction here given is in the broadest sense Christian. Nothing of a sectarian character is admitted. The purpose is to build up intelligent Christian manhood. We believe that this is the greatest need of our time.

1. The Life of Christ, in which the student will be expected to master the journeys and events of Christ's life in their order. Two hours, first semester.

2. The Founding and Extension of the Christian Church—Two hours, second semester.

3. Natural Theology and Evidences of Christianity—Three hours, first semester.

PSYCHOLOGY AND PEDAGOGY.

GEORGE B. RANDELS, Professor.

PSYCHOLOGY.

1. General Psychology—The purpose of this course is to interest the student in the study of himself. The text-book work is supplemented by simple experiments designed to give the student first-hand information and to promote independent work. Three hours, first semester.

2. Experimental Psychology—The laboratory work is designed to train in introspection and to acquaint the student with the methods of modern psychological inquiry. Three hours, second semester.

3. Genetic Psychology—The stages of development in the child from infancy to maturity with special reference to instincts, growth of the body and nervous system, and mental changes. One hour, first semester.

4. Educational Psychology — Especial attention will be given to those principles of Psychology which have the widest application to education. Some time will be given to the method and results of experimental pedagogy. Two hours, second semester.

5. Clinical Psychology—Methods of diagnosis, with special reference to the backward and exceptional child. The Binet tests of intelligence, tests of the senses, unfavorable physical signs and nerve signs, and also such factors as heredity, natal influences, diseases and accidents, are considered. Two hours, second semester.

PEDAGOGY.

Instruction in Pedagogics is offered to Juniors and Seniors in accordance with an Act of the Legislature of Michigan authorizing the State Board of Education to grant a teacher's certificate without examination, to any person who has received a Bachelor's, Master's or Doctor's degree from any college in this state having a course of study actually taught in such college of not less than four years, in addition to the preparatory work necessary for admission to Michigan University, and including a course in the Science and Art of Teaching of at least one college year of five and one-half hours per week.

This course embraces professional work in Educational Psychology, History of Education, School Law, School Systems, special methods in common branches, including the Kindergarten; special methods in High School subjects, and the organization and management of schools.

Graduates from any of the college groups of study who complete this course of professional work will be recommended by the Faculty to the State Board of Education for a teacher's certificate, which will enable them to teach in the public schools of Michigan without examination.

1. **History of Education**—An outline of the development of educational theory and practice in the light of economic, social, political, philosophical, and religious conditions at different ages. Two hours, first semester.

2. **General Principles of Method**—Selection and arrangement of subject matter, the doctrine of interest, the formal steps, and the preparation of lesson plans, class-room management. Two hours, second semester.

3. **Genetic Psychology**—The stages of development in the child from infancy to maturity with special reference to instincts, growth of the body and nervous system, and mental changes. One hour, first semester.

4. **Educational Psychology** — Especial attention will be given to those principles of psychology which have the widest application to education. Some time will be given to the methods and results of experimental pedagogy. Two hours, second semester.

5. **Principles of Education**—Principles contributed by biology, physiology, psychology, sociology, and philosophy which appear to be the foundations of modern education. Two hours, first semester.

6. **Comparative School Systems and School Law**—Points of resemblance and difference in the school systems of England, Germany, and the United States. Two hours, second semester.

7. **Readings in Modern Education**—A study of the writings of Rousseau, Pestalozzi, Herbart, and Spencer. Two hours, second semester.

8. **School Administration**—A consideration of such problems as: school architecture and equipment; text books; cost of education; school records; consolidation; compulsory attendance; promotion of pupils; discipline; medical inspection; units of school administration; certification; functions of school board, superintendents and principals; teachers' meetings; student organizations. Two hours, first semester.

PHYSICAL TRAINING FOR WOMEN.

VIOLA H. WEIS, Instructor.

The demand for Physical Education is rapidly growing. It has become a self-evident fact that properly directed exercise will bring us to a normal state, giving health, development, control, freedom, grace and poise.

In the regular class work, which is required of every woman student, the pleasant recreation of the gymnasium is combined with the exercise best fitted to the needs of each pupil so that correct habits of position and use of body are formed, giving self-command, self-reliance and expression.

The graded course, which is offered, covers two years of training for which two hours' credit is given for satisfactory work done. The classes meet three times a week, Monday, Wednesday and Friday and the course consists of drill in Swedish and German Gymnastics, floor work (dumb-bells or wands), apparatus work (horse, ladder, parallel bars, etc.), games and fancy steps.

The purpose is to improve the organs of the circulatory, respiratory and digestive systems; to give perfect control to voluntary motion, training the body to obey the commands of the will with the least waste of energy. Relaxing and breathing exercises which Americans need so much, bring rest to the over-tired nerves. In order to secure the proper position, to correct the bad posture, round shoulders, flat chest, etc., it is necessary to give special prescriptions of corrective exercises.

A special class in rhythm work is provided for and required of students of the Vocal Music and Kindergarten Departments. The aesthetic perceptions, the emotions and sentiments take command here and the positions and movements of the body become their expression.

With the complete set of measuring instruments, purchased and donated recently by a friend of the College, it is possible now to measure and examine each girl thoroughly. This examination is made when the pupil arrives, and exercises are prescribed by the instructor to correct any irregularity or weakness in development noted at the time. In the spring the measurements are taken again so that the pupil and instructor may see the result of the winter's work.

Aside from the required work, various sports and games are encouraged in season. During the winter a regular schedule of class basket-ball games is played to decide the class championship of the College. In the spring and fall months special attention is given to tennis and outdoor sports. The regular tournament deciding the College tennis championship is held in May.

All students taking the work are expected to wear the regulation suit which consists of a blouse and bloomers made of black material, preferably brilliantine.

PHYSICAL TRAINING FOR MEN.

DENNIS H. GRADY, Instructor.

Special attention is given to the health and physical welfare of the men of the College. In order to perfect this, physical training work has been put on a credit basis; two hours credit being required of each student before graduation.

During the spring and fall months, out-door work is emphasized through competition for positions on the various teams, namely, baseball, football, track, tennis and cross country running. These teams are open to all and everyone is urged to take part in some one of them.

During the winter months, from November 1st to April 1st, regular gymnasium practice is required of all Freshmen and Sophomores.

This work consists of two hours of class work each week, regular class periods being scheduled for this purpose, this being equal to one hour's credit.

The work is divided into two grades, that for Freshmen consisting of marching, calisthenic work (both free hand, dumb bells, Indian club and wand drills), and also the simpler apparatus work on the horse, the bars and the ladders. The second year men and those judged by the instructor to be more proficient in that line of work are given more advanced work in calisthenics and heavy apparatus work, and are in turn given practice in leading the other classes.

The work is planned so that every man will be engaged during a part of his college year in some form of athletics.

While the emphasis is not so much on the production of expert athletic teams, as upon the general participation in some form of athletics of all the men of the College, the teams that represent Alma in contests with other Colleges rank high among those of the Colleges of the Michigan Intercollegiate Association.

An incidental fee is required of each student, which gives him use of a private locker and all the privileges of the field and gymnasium, and also admits him free to all athletic contests.

Students who are below grade in more than three hours' work cannot compete in any intercollegiate contest, and students who are below in more than two courses must drop out of all athletic teams until their work has been made up.

Soon after the student enters he will be subjected to a careful physical examination and measurements. Exercises in the gymnasium will then be prescribed appropriate for his needs.

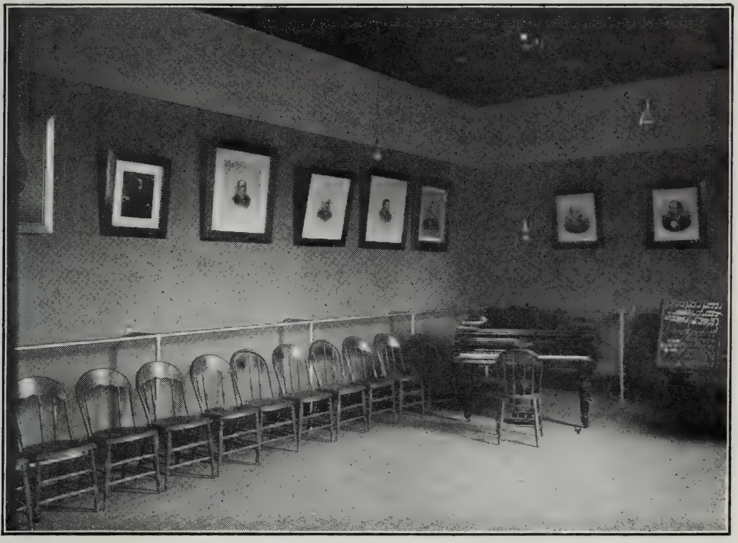
School of Pedagogy

INSTRUCTORS.

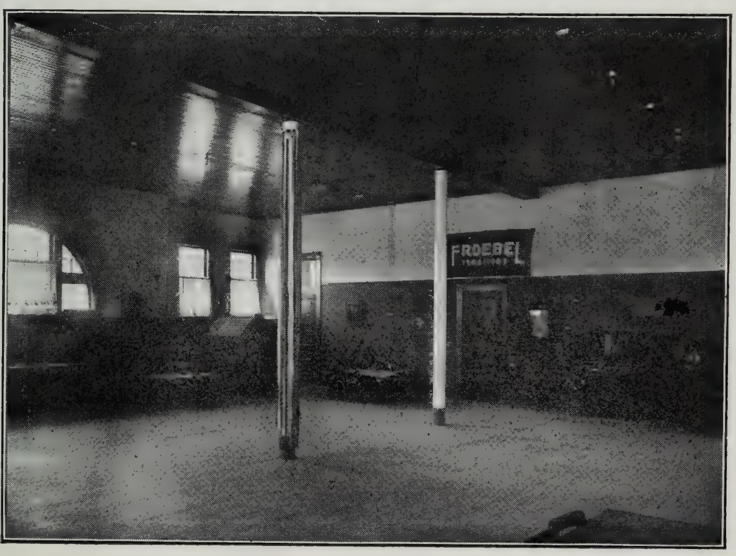
GEORGE B. RANDELS.
Professor of Psychology and Pedagogy.
CAROLEEN ROBINSON,
Principal of Training Department.
BESS LOU FARLEY,
Model Kindergartner.
JAMES E. MITCHELL,
Social Science.
HANSFORD M. MacCURDY,
Biology.
KATE L. BOOTH,
Drawing.
H. GRACE ANDREWS,
English.
MRS. JOSEPHINE ST. JOHN,
Voice.
GRACE D. ROBERTS,
Piano.
JAY CLIZBE,
English Bible.

I. OBJECTS AND ADVANTAGES.

The importance of an adequate preparation for the profession of teaching has led to the unifying of the work of pedagogical instruction in this institution under the title of the School of Pedagogy. The school is divided into three departments, viz: Pedagogics, Kindergarten Training and Normal instruction, each of which is independent of the others, and yet



The Founder's Room



The Kindergarten Room

has certain points of contact with them. Through this correlation the student secures very substantial advantages in the stimulus that comes from contact with workers whose aims are similar to his own, and in the clear view it gives him of the place that his own work occupies in the field of educational effort.

All the rich opportunities for culture that a thoroughly equipped college affords may be utilized here by the members of this school. Among these may be mentioned classes in drawing and vocal music, lectures on special and general topics, a fine library whose pedagogical section is especially rich in the latest works on pedagogy, a reading room on whose tables are found the foremost periodicals of a professional character, and well equipped laboratories for special work in science. A perusal of this catalogue should convince the most skeptical that a course of training for teaching which is pursued in such an environment has the promise of most valuable results both in general culture and in special fitness for the work of training the young.

A committee of the faculty has special charge of securing positions for graduates of the school, and every effort is made to be of assistance to them in this matter.

II. DEPARTMENTS AND COURSES OF INSTRUCTION

PEDAGOGICS.

The courses in this department are offered to the members of the Junior and Senior classes in the College. For the description of the work see page 35.

KINDERGARTEN TRAINING.

Purpose.

The young woman of the twentieth century has a double problem to face, namely, that of educating herself to be an efficient member of society, thoroughly equipped to meet the demands of our present day civilization as a home maker, and also to meet the possible need of self-support.

The question which arises is, What line of work can a girl pursue which will meet the double problem with the maximum benefit to the individual and society and require the minimum amount of adjustment when she takes up the work of home-making?

The kindergarten training offers one of the best means of solving this double problem, for it develops the young woman along the broadest cultural lines, and at the same time gives her an ability to meet the economic problems of life. The Kindergarten is already well established as an integral part of the school system of this state and the demand for trained teachers increases each year.

Requirements for Admission.

A diploma of graduation from a four years' English or Scientific course of High School grade or its equivalent.

The student must be at least eighteen years of age. She must have good health, patience, adaptability, willingness to work, and some knowledge of music. An ability to play and sing greatly enhances the pupil's chance of successful work, and should be acquired before graduation.

Requirements for Graduation.

A student must have completed three years of theoretical and practical work to the entire satisfaction of the faculty. Upon completion of three years of work and demonstration of the pupil's ability to direct a kindergarten, the College confers its diploma which carries the degree of Ped. B.

At the end of the second year of satisfactory work, a State Life Certificate is given. The work done in the first two years of this course offers an experience parallel to that of the best two-year training schools in this country. The recognition given by the state in conferring its certificate at the end of the first two years points to its equality with the courses offered in the State Normal Schools. The work of this course is so arranged that those completing the three years are given College credits, which enables them to take the degree of B. S. upon completion of a fourth year of work.

A well-equipped modern kindergarten under the direction of an experienced teacher affords students an opportunity for practical experience in the work, under careful supervision.

Special Features.

1. College work with regular professors.
2. Special lectures by members of the college faculty and other educators of note.
3. Practice under the supervision of expert teachers.
4. The broadening and cultural effect of college life.
5. The experience of dormitory life, which gives the young woman actual knowledge of community life with its adjustment of the individual to life as a whole.
6. Work in the music and art departments at a nominal added expense.
7. Certain studies with college professors in the regular college course, entitling the students to recognized college credits for work completed.
8. Special attention to individual needs.
9. Practical as well as theoretical child study.
10. A Literary Society organized with the approval of the faculty, conducted by the student body. It is known as the Froebel Club, and its aim is the development of correct literary expression and an assurance of manner, poise, and confidence in addressing the public.

III. OUTLINES OF THE COURSES OF STUDY.

PEDAGOGICS COURSE.

First Semester.		Second Semester.	
History of Education	2	Principles of Method	2
Genetic Psychology	1	Educational Psychology	2
Principles of Education	2	School Systems and School Law	2
School Administration	2	Readings in Modern Education	2

KINDERGARTEN TRAINING COURSE.

Freshman Year.

First Semester.		Second Semester.	
Biology	3	Biology	3
English	3	English	3
Bible	2	Music	2

Music	2	Gift Work	2
Kindergarten Theory	3	Occupation	2
Gift Work	2	Theory	3
Occupation	2	Ethics	1
Ethics	1	Games	1
Gymnastics	2	Gymnastics	1

Sophomore Year.

First Semester.		Second Semester.	
Gift Work	2	Biology	2
Occupation	2	Gift Work	2
History of Education	2	Occupation	2
Theory	2	History of Education	2
Teaching	6	Theory	2
Mother Play	1	Teaching	6
Psychology	3	Mother Play	1
Electives	3	Child Study	2
Gymnastics	2	Songs and Games	1
		Electives	3

Junior Year.

First Semester.		Second Semester.	
Pedagogy	1	School Management	2
Education of Man	1	Pedagogy	1
Mother Play	1	Education of Man	1
History of Architecture	1	Mother Play	1
Hand Work	2	Hand Work	2
Theory	7	Theory	7
Electives	6	Electives	6

The morning is spent in Kindergarten and Primary teaching under supervision.

Senior Year.

First Semester.		Second Semester.	
Theism	3	School Systems and Laws	2
School Administration	2	Ethics	2
Electives	10	Extemporization	2
		Sociology	3
		Electives	6

The Academy

I. GENERAL STATEMENT.

The Academy of Alma College was founded to provide facilities for securing an exact and adequate preparation for college work, as well as to meet the needs of those who might wish to enjoy the benefits of a thorough academic training in preparation for the work of active life.

In view of the fact that the majority of the local communities of this state are now adequately served educationally by their own High schools as far as the eleventh grade, it has been decided to discontinue the first year of the Academy, retaining the last two years, which correspond to the eleventh and twelfth years in the public schools. The work of these two years has been rearranged so as to make the transition from school to college as inconspicuous as possible. To this end great care has been taken to provide skilled instruction and the needful material equipment in the form of library and laboratory facilities. Those students who desire to pursue their preparatory work under the best auspices will appreciate the advantages offered here.

Graduates of this Academy are prepared to enter the Fheshman class of any college of standard grade in this country.

II THE TERMS OF ADMISSION.

To be admitted without condition to the Junior class, an applicant must have completed the work of the tenth grade in the public schools. Instruction in beginning Latin is provided for such as need it. Certificates of standing in ninth grade and tenth grade work done in accredited schools will be accepted; otherwise, the applicant will be examined in the subjects required for entrance.

Applicants for higher standing will be examined in the studies previously pursued by the class they desire to enter, with the exception of those who present certified statements of work done in accredited schools.

III. THE COURSES OF STUDY.

Three courses, each extending through two years, are provided, which severally lead up to the corresponding groups in the College, viz.: The Classical, Philosophical, and Scientific. Each of these courses, however, is complete in itself and may be pursued with profit by the student with limited time and means for gaining an education.

IV. OUTLINES OF THE COURSES OF STUDY.

Junior Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Cicero	5	Cicero	5
Greek Lessons	5	Greek Lessons	5
Eng. Gram.: Composit'n	4	Rhetoric and Composit'n	4
Higher Algebra	3	Higher Algebra	3
Physics	3	Physics	3
Bible	2		

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
Eng. Gram.: Composit'n	4	Rhetoric and Composit'n	4
German	5	German	5
Higher Algebra	3	Higher Algebra	3
Physics	3	Physics	3
Zoology	3	Botany	3
Bible	2		

Senior Year.

CLASSICAL COURSE.

First Semester.		Second Semester.	
Vergil	4	Vergil	4
Anabasis	5	Anabasis; Homer	5
Geometry	5	Geometry	5
English	3	English	3
Bible	2	Rhetoricals	1

SCIENTIFIC COURSE.

First Semester.		Second Semester.	
English	3	English	3
German	5	German	5
Geometry	5	Geometry	5
Chemistry	3	Chemistry	3
Bible	2	Rhetoricals	1

The figures indicate the number of recitations a week. The recitation period is 55 minutes in length.

The Philosophical Course is the same as the Classical with the exception of German in the place of Greek.

ENGINEERING COURSE.

For the convenience of students desiring to take a course in Mining, Electrical, Civil or Chemical Engineering, the following course has been prepared.

Students completing this course will be admitted without examination to the College of Mines at Houghton, Mich., for mining engineering; to the Armour Institute, Chicago, for electrical engineering; and to any of the engineering courses of the University of Michigan.

First Year.

First Semester.		Second Semester.	
Geometry	5	Geometry	5
German	5	German	5
English	4	English	4
Physics	3	Physics	3
Chemistry	3	Chemistry	3

Second Year.

First Semester.		Second Semester.	
German	5	German	5
English	3	English	3
College Algebra	4	Trigonometry	4
Chemistry	4	Chemistry	4
Physics	3	Physics	3

V. DESCRIPTION OF COURSES.

LATIN.

1. **Beginning Latin**—Careful attention is paid to the mastery of inflections and the essential rules of syntax, and to the acquisition of a good vocabulary. Bennett's Latin Lessons and Grammar are used.

2. **Caesar**—The work includes the reading of four books of Caesar's Gallic War, or an equivalent, with frequent practice in prose composition. The text-books used are Walker's Caesar and Bennett's Latin Composition.

3. **Cicero; Ovid**—The Junior year is devoted to the reading of five orations of Cicero and one thousand lines of Ovid. The work in prose composition is continued and in connection with the Ovid, the study of hexameter verse is begun. Text-books used are Bennett's Cicero, Bennett's Composition, and Kelsey's Ovid.

4. **Vergil; Ovid**—In the Senior year, four books of the Aeneid are read. The literary and rhetorical features of the work are noted, and the study of hexameter verse continued. Bennett's Vergil is used.

GREEK.

1. **Beginning Greek**—In the first year of the study of Greek, the student's efforts are chiefly directed towards the mastery of inflections as a foundation for future work. The subject is presented systematically with frequent reviews and other tests. The principles of syntax are presented inductively. Proper methods of study in relation to the training of memory and reason are emphasized. Text-book: White's First Greek Book.

2. **Second Year Greek**—The reading of easy selections leads up gradually to the study of the Anabasis in the first semester of the second year. This is followed by the reading of three books of Homer's Odyssey. Sight reading, prose composition, and a detailed study of the geography of Greece are included in the year's work. Text-books: Harper & Wallace's Anabasis and Seymour's Odyssey.

The Library

MATHEMATICS.

1. **Higher Algebra**—Through Equations of the First Degree. Three hours, first semester.

2. **Higher Algebra** — Completed. Three hours, second semester.

3. **Geometry**—Five hours, first semester.

4. **Geometry**—Completed. Five hours, second semester.

SCIENCE.

1. **Botany**—Botany is required of the students in the Scientific Course in the second semester of the Junior year. The work includes the study of the organs and the life processes of the higher plants. This involves both field and laboratory work. One hour of recitation and four hours of laboratory work a week.

2. **Zoology**—Zoology is studied in the first semester of the Junior year, and is required of students in the Scientific Course. One hour of recitation and four hours of laboratory work a week.

3 **Physics**—The aim in teaching Physics is to combine the recitation and the laboratory method. A good text-book is put into the hands of the pupils. Accompanying the recitation, general experiments are given to illustrate the principles of the science. The student is then admitted to the laboratory and performs a series of experiments, making his own measurements and computations and entering them in his laboratory note-book. This note-book is a part of the permanent results of the study for which credit is given. Two hours of recitation and two hours of laboratory work per week throughout the year.

4. **Chemistry**—General Chemistry is required of students in the Scientific Course throughout the Senior year. The text used is Brownlee's First Principles of Chemistry. The work is of such a nature as to give data from which the student may himself derive the more important laws governing chemical reaction. Students are required to make a careful written

record of facts observed and drawings of apparatus used, and to write all reactions. One laboratory period and two recitations throughout the year.

ENGLISH.

1. **English Grammar; Composition** — Review of English Grammar with daily practice in composition. Four hours, first semester.

2. **Rhetoric and Composition**—Elementary Rhetoric with daily practice in composition. Four hours, second semester.

3. **American Literature**—History of American Literature by Brander Matthews. Selections: Whittier's Eternal Goodness, Last Week in Autumn, Toussaint L'Ouverture, Bryant's Thanatopsis, Forest Hymn, To a Waterfowl, Lowell's Vision of Sir Launfal, The Changeling, The Courtin', Emerson's Essay on Compensation, Hawthorne's Great Stone Face, Irving's Sketch Book, Poe's Poems. Three hours, first semester.

4. **History of English Literature, and Masterpieces**—Selections from Anglo-Saxon Literature, Chaucer, Spenser, Bacon, Shakespeare, Milton, Dryden, Addison, Pope, Goldsmith, Burns, Scott, Byron, Wordsworth, DeQuincey, Macaulay, Browning and Tennyson, as outlined by Painter in Introduction to English Literature. Three hours, second semester.

GERMAN.

It is the aim of this department to give a thorough grammatical and conversational knowledge of German. The first year's work is devoted to Elementary Grammar, including declensions, conjugations and translations of English exercises every day, and conversational drill.

The German script is used and the conversation of the class-room is in German as far as possible.

The second year is devoted to a more advanced study of the best authors, and one day each week is devoted to prose composition.

1. **Joynes-Meissner German Grammar**—Guerber's Maerchen und Erzaehlungen, I. Five hours, first semester.

2. Grammar, Continued — Immensee. Conversation and composition based on the text. Five hours, second semester.

3. Grammar, Continued—Im Vaterland. Prose composition, sight reading. Guerber's Maerchen und Erzaehlungen, II. Five hours, first semester.

4. Grammar, Continued—Minna von Barnhelm. Soll und Haben. Five hours, second semester.

ENGLISH BIBLE.

1. An Outline of Old Testament History for Young Students—Two hours, first semester.

2. The History of the Jews from Solomon to the Time of Christ—Two hours, first semester.

The School of Music

INSTRUCTORS.

MRS. JOSEPHINE ST. JOHN,
Director.
Voice Culture, Harmony and Theory.
GRACE DUNGAN ROBERTS,
Principal of Piano Department.
Pianoforte, Pipe Organ.
MINNIE M. CHEESMAN,
Pianoforte, Music Building, and Normal Methods.
LUCY F. STRUBLE,
Violin.
LEORA JOHNSTON,
History of Music, Voice Culture and Sight Reading.

Four courses of study are offered: Pianoforte, Voice Culture, Pipe Organ, and Violin. Upon the completion of any of these courses with satisfactory public performance, a diploma will be given.

I. PIANOFORTE COURSE.

This course is divided into five grades. The time required for its completion will depend upon the talent and application of the pupil.

Harmony, Musical History and either Voice, Pipe Organ, or Violin, grades I and II, are required. Ensemble work both in sight reading and in mastering concerted works is expected.

Careful attention is given to the laying of a thorough foundation in technique, and much attention is given to tone production.

The habit of intelligent and careful practice and study is insisted upon. This foundation established, the musical education of the pupil is continued with as much attention to detail and to breadth of study as the limits of the course will permit. Such works of both classic and romantic composers are chosen, as will develop the student technically and musically to the best advantage.

While correct habits and methods are inculcated, the individuality of the student is developed as far as possible. The following list of compositions is suggestive only of the work required, much freedom of selection being exercised to meet the needs of the individual pupil.

Grade I.

Lebert and Stark—Pianoforte School, Part I; Koehler—Practical Method; Loeschhorn, op. 65; Gurlitt, op. 140; Beihl, op. 44; Duvernoy, op. 176; Czerny, op. 39; Sonatinas by Clementi.

Grade II.

Lebert and Stark—Pianoforte School, Part II; Koehler, op. 50 and 242; Loeschhorn, op. 66 and op. 52; Concone, op. 24; Bach—Easy Preludes and Fugues; Sonatas by Reinecke, Krause and Clementi; variations by Beethoven.

Grade III.

Czerny—School of Velocity; Heller, op. 46 and op. 47; Bach—Two and three voiced Inventions; Kullak—Octave School, Books I and II; Loeschhorn, op. 67; Sonatas by Haydn and Mozart; Pieces by Hummel, Mendelssohn, Heller, Grieg, Godard, etc.

Grade IV.

Cramer; Czerny — 50 Daily Studies; Bach — French and English Suites; Mozart and Beethoven Concertos; Jensen—Studies, op. 32; Beethoven Sonatas; miscellaneous studies and pieces by Moscheles, Tshaikowsky, Schubert, Field, Weber, Moszkowski, Leschetizky, etc.

Grade V.

Czerny, op. 740; Clementi—Gradus ad Parnassum; Bach—Well-Tempered Clavichord; Czerny—Legato and Staccato, op. 335; Tausig—Finger Exercises; Compositions by Schumann, Chopin, Saint-Saens, Liszt and the modern composers.

II. VOCAL COURSE.

This course comprises Vocal Culture, Harmony, Musical History, and Pianoforte, Grades I and II.

The vocal work is divided into five grades, corresponding to the pianoforte course; but no definite time is fixed for the completion of any grade of the course, as the talents and application of the student determine the rapidity of his progress.

The purpose of this department is to cultivate the art of singing, physiologically and aesthetically. At the same time something beyond mere technical skill is arived at, in that a musicianly style of singing, together with an appreciation of and ability to render the works of the great masters is earnestly striven for. The Orgeni method, developed from the Lamperti and the Viardot Garcia systems of instruction is used.

Grades I and II.

The different actions of the vocal cords throughout the various registers are established and the same carefully blended. Diaphragmatic breathing is thoroughly grounded; technical exercises to be sung mezzo de voce are given for the purpose of producing purity of tone and acquiring a good legato and flexibility. Solfeggi from Scharfe's first book; Sieber's Elementary Vocalises; Marchesi's op. 5.

Grades III and IV.

The natural purity, richness and range of the voice are carefully extended, enunciation and intonation are thoroughly considered. Vocalises and Solfeggi during the work in these grades are selected from Sieber, op. 129 to 143 inclusive; Marchesi, op. 6; Concone op. 10; and Scharfe's Second Book. Ballads and songs are used extensively. Practice in ensemble, in duet, trio, quartet, choir, and chorus is furnished.

Grade V.

In this grade artistic development in regard to tone in sostenuto and pianissimo is carried on, the range of the voice is carefully extended and accuracy and brilliancy in technical execution are further advanced. Vocalises are selected from Scharfe's Book III; Concone's op. 12; Rigini's, Marchesi's op. 7; Bordongni's studies for phrasing and flexibility. A repertoire of church and concert music is prepared. Arias from the operas and oratorios are studied. Ensemble singing is continued

III. PIPE ORGAN COURSE.

Students entering this course must have finished the first and second grades in the regular course of pianoforte playing. History and Harmony are required.

Grade I.

Study of Manual Touch, Pedal-playing and Elementary Registration; Dunham's Organ School, Books I, II, III and IV; Stainer's Organ Primer; Whiting's First Studies; Easy Pieces arranged by Shelley, Clark, Barrett, Orem, Warren, etc.

Grade II.

Bach—Vol. I; Rink—Best Organ School; Lemmens—Organ School, Part II; Practical Service Playing; Easy Pieces by Merkel, Dubois, Callaerts, Tombelle, etc.

Grade III.

Bach—Vol. II; Buck—Studies in Pedal Phrasing; Clark—Study of Registration; compositions by Buck, Guilmant, Dubois, Thayer, Lefebure-Wely, Lemaigre, Batiste, etc.

Grade IV.

Bach — Vol. III; Mendelssohn — Preludes and Fugues; Sonatas by Mendelssohn, Guilmant, Lachner, Rheinberger, etc. Pieces by Capocci, Smart, Calkin, Widor, etc.

IV. VIOLIN COURSE.

This course comprises the study of the Violin, Harmony, Musical History, and Pianoforte, grades I and II.

Ensemble playing is made a special feature. Pupils have the privilege of participating in duets, trios, quartets, rehearsals of the string orchestra class and the pupils' recitals which are given at intervals during the year.

Grade I.

Easy exercises, studies and pieces. Intervals, embellishments, etc

Grade II.

Diatonic and Chromatic scales in all positions, bowing exercises, intervals. Selected solos of Dancla, DeBeriot and others.

Grade III.

Intervals. Bowing exercises. Studies by Kreutzer and Alard, op. 16. Violin sonatas by Haydn, Mozart, Schubert, etc.

Grade IV.

Remainder of Kreutzer Studies Nos. 30 to 40; exercises by Leonard and Schradieck. Rode's 24 Caprices. Bow studies by Meerts. Violin Sonatas by Beethoven, Schumann, Grieg and others. Concertos by Viotti, Rode and Kreutzer. Pieces of classic and modern form.

Grade V.

Studies by Dont and Paganini. Concertos by Spohr, Mendelssohn, Beethoven. Brilliant concert solos by DeBeriot, Bazzini, Wieniawski, Vieuxtemps and others. Playing at sight of first violin part of Beethoven's String Quartets.

Ensemble Singing.

Advanced pupils in voice are given the opportunity to do ensemble work in the duets and trios of Jadassohn, Rubenstein, Schumann and the concerted works of the other composers.

The Choral Society prepares for public performance, choruses, cantatas and selections from the operas and oratorios. It is open to all students. Entrance tests as to quality of voice and ability to read music are required of all. Credit will be given for regular attendance at chorus and choir practice.

Pianoforte Ensemble Class.

Advanced pupils in pianoforte are admitted to the Ensemble Class, which meets once a week to study the Beethoven Symphonies.

Harmony and Musical History.

Classes in these subjects are open to students who have entered upon the third grade.

Harmony—two years.

Musical History—one year.

The Gymnasium

Frequent reviews and tests are required, and examinations are given at the end of each semester. Candidates for graduation are required to pass a satisfactory examination in all of these subjects.

Public School Singing.

The object of this course is to fit those who are otherwise qualified, for the supervision of music in public schools. To receive a diploma, students must have had two years of Harmony and at least two years each of Voice and Piano, a year of History of Music, from one to two years of Methods and Sight Reading, according to the ability of the student, and Psychology as pursued in the Kindergarten Course. Graduates from this course will receive a certificate from the state entitling them to teach in the public schools.

Sight Singing.

A class in the rudiments of musical notation and reading music at sight is conducted during each year. It is open to all students of the college. Special classes of three or four will be formed for more thorough and extensive work.

MUSIC BUILDING.

The aim of this course is a good foundation upon which to build the musical education and the forming of a correct musical taste. The time required for the completion of the course depends upon the age and ability of the pupil.

Grade I.

Sight reading, ear training and rhythm work. Five-finger exercises, scale and chord formation, ensemble playing for concentration and time. Stories of the composers. Easy pieces and studies.

Grades II and III.

Sight reading, ear training, rhythm work. A thorough knowledge of the major and minor scales. Intervals, chord formation, etc. Mason and Wiehmeyer Studies for touch and technique. Studies: Kohler, Loeschorn, Gurlitt, Lambert, Schumann. Pedal study. Ensemble. Lessons in Musical History. For these grades "The Dunning System of Music Study" is used.

Grade IV.

Sight reading, theory, ear training.

"First Studies in Music Biography" (Tapper). Studies by Lambert, Czerny, Heller, Loeschhorn, Schumann. Leschetizky technique.

Grade V.

Sight reading, ear training, theory, continued. The Faelton System for memory work and transposing. Leschetizky technique. Modern composers. Selected studies from Bach, Haydn, Mozart, Mendelssohn, Czerny, Heller. Ensemble work.

RECITALS.

In addition to faculty recitals, artist recitals are given during the year.

By means of the pupils' recitals and numerous entertainments, an abundant opportunity is given the pupils for public performance.

Chapel and Church Choirs.

Practical work in ensemble singing is required of advanced students of Voice Culture and Public School Music, in connection with regular attendance in the chapel and college church choirs.

Musical Kindergarten.

For young pupils working in class.

Games and ingenious devices, blackboard, dumb piano, charts, etc., are used to interest the child and hold attention.

The beginnings of musical history are explained through stories, pictures, etc.; the sense of rhythm is developed, the ear trained to recognize correct pitch. Musical notation and sight reading are taught.

Physical Training.

Music students are required to attend a special class in rhythm arranged to enhance their appearance in concert and recital.

Literary Requirements.

Graduates from any one of the courses in Music must have the following literary studies: Two units of French, two units of German, two units of History; one unit of Elementary Science, four units of English, including College English 1 and Elementary Psychology. Italian may be substituted for either French or German.

Miscellaneous Items.

Music students are allowed to take language study to the extent of five hours per week without extra charge.

No student of the department is allowed to take a musical part in a public performance without the permission of the teacher with whom he is studying.

No deductions are made for lessons missed except in case of protracted illness. In such case, the College shares the loss equally with the student.

The department possesses a library of well-chosen music, to which the students have access.

The School of Art

KATE L. BOOTH,
Principal.

I. OBJECT.

The object of this School is to develop the power of observation, and to train the eye and hand to produce what is seen;

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The School is furnished with a good assortment of casts, a large addition having been made in recent years. A kiln for the firing of china has also been provided, which further increases the efficiency of the Decorative Department.

II. COURSES OF STUDY.

First Year.

Elementary principles of Drawing and Perspective in Pencil and Charcoal.

Drawings from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

Second Year.

Sketching and Drawing from Still Life.

Grouping and Composition.

Third Year.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

Fourth Year.

Painting from Life and Nature exclusively.

The class in sketching from Nature is continued throughout the Spring and Fall, as the season permits. This branch of the department, as well as sketching from life, receives special attention.

The work of the pupils will be on exhibition during Commencement Week.

It is especially desired that all students entering for a course in Art should be present at the opening of the semester.

General Information

Suggestions to Applicants for Admission.

The requirements for admission to the College are presented on pages 0 to 00; to the Academy, on page 00. For an understanding of the nature and scope of the courses of study of the College, the applicant should study the description of sented on pages 9 to 12; to the Academy, on page 45. For an end of this catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a semester, so as to conclude all necessary arrangements. A list of rooms and boarding places may be consulted at the College office in the main building. Young women may repair directly to Wright Hall and consult the Dean with regard to matters of personal interest.

Admission and Dismission.

Applicants for admission to any department of the institution will first report to the President for registration. They must present testimonials of good character, and those who are from other institutions of learning must furnish certificates of standing and honorable dismissal. If they desire to enter any of the College courses, they will then report to the Registrar; if any of the schools, as Art, Music, etc., they will report to the Principal of the school. Those who do not bring diplomas or certificates from accredited schools will then be sent to the different instructors for examination. As soon as the applicant is informed of his admission, he will repair to the Secretary of the College and pay his first semester's bill.

All students admitted to the institution will be on probation for the first three months. If during this period a longer stay is by the Faculty deemed inadvisable in the case of any student, he may be so informed privately and permitted to withdraw.

Any student may at any time be privately dismissed if the Faculty deem his further connection with the school undesirable.

Any student against whom there are no unpaid bills nor charges of misconduct is entitled to an honorable dismissal.

Studies and Examinations.

No student may take up a study out of the order prescribed in this catalogue or drop a study once entered upon without the consent of the Faculty.

No student shall be allowed to take more than the number of hours of work scheduled for his class without the permission of the Faculty.

Students whose class-work is unsatisfactory will not be allowed to represent the institution as delegates to conventions or members of athletic, debating or oratorical teams.

Examinations are held at the close of each semester and at intervals during the semester at the discretion of the instructors. The results of the semester examinations are reported to parents and recorded for future reference.

If at any examination the standing of a student is unsatisfactory, he shall be duly informed and notice shall be sent to his parents or guardian. If there be no improvement, the student may be dismissed from college.

Conditions must be removed within one year from the time of the examination.

Degrees and Certificates.

The degree of Bachelor of Arts is conferred upon graduates from Group I; that of Bachelor of Philosophy upon graduates from any of the Groups II to VI and that of Bachelor of Science upon graduates from Group VII or VIII and the four years' Kindergarten Training Course.

The Bachelor's degree will not be conferred upon a student unless he has been in residence at least a year.

A Master's degree in any of the above-mentioned groups will be conferred only on graduates of two years' standing who shall have pursued advanced studies under the direction of the Faculty, and given satisfactory evidence of adequate attainments.

Students who complete the prescribed course in the Academy, the Pedagogical, the Music or the Art School, will receive certificates of the fact.

Rules for Classifying College Students.

1. For Sophomore standing a minimum credit of 35 hours is required; for Junior standing, 65 hours; for Senior standing, 105 hours.

2. No student shall be classified as a Sophomore who has any entrance conditions; or as a Junior, who has any Freshman conditions; or as a Senior, who has any Sophomore conditions.

Location and Advantages.

The flourishing city of Alma is situated in Gratiot county, about thirty-nine miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Pere Marquette and Ann Arbor railroads renders it easily accessible. The town has good sewerage and an excellent system of water works, and experience proves that it is exceedingly healthful. The moral tone of the community is high, its church privileges abundant and its public school system fully organized and efficient. **There are no saloons in Gratiot county.** Those who have children to educate and who desire to surround them with the influence of home life will make no mistake in choosing Alma as a place of residence.

Plans for Further Beautifying the Campus.

A very important conclusion was reached by the Board of Trustees at its meeting in February, 1911. Mr. A. B. Yeomans, landscape architect of Chicago, Ill., submitted plans in harmony with which the future adornment of the campus might be carried forward. These were reported upon by a special committee and were adopted. They contemplate three additional buildings; an auditorium, which is to be the home of the School of Music; a dormitory for young men, and another building the purpose of which is to be determined by the evolution of the college. These, as well as the structures now standing, are to be surrounded by trees and shrubs, the kinds and places of which are fully designated in the plans. Hereafter all attempts at beautifying the grounds will be undertaken in harmony with these plans. By the kindness of Mrs. Francis King of this city it was made possible to secure these plans, and by a legacy of $500 left by Mr. Clem Naldrett, also of this city, we hope to realize them to some extent in the near future. A committee of citizens is now endeavoring to secure an endowment fund of $5.000, the income of which is to be devoted to the beautifying of the campus. For the same purpose the College has returned to the observance of "Arbor Day," changing its name to that of "College Day." With all these forces at work it may be confidently expected that Alma will increasingly continue to be "The College Beautiful."

College Buildings.

Of these there are at present six: the Recitation building, Wright Hall, the Library, the Museum, the Gymnasium, and Pioneer hall.

The Recitation building contains the College office, chapel, recitation rooms, laboratories, rooms for the Art and Music schools, and halls for the Zeta Sigma and Phi Phi Alpha Literary societies.

Wright hall, the home provided for the young ladies by the munificence of Ammi W. Wright, is the latest addition to the structures on the campus, and in architectural appearance and adaptation to its purposes is not excelled by any building of its kind in the country. It is built of paving brick trimmed with stone, and is four stories in height above the basement, which is of field stone. The interior finish is very pleasing and the arrangement for the comfort of the occupants are complete. Great care is being taken to surround this noble edifice with a fit setting of greensward, shrubbery and trees, that it may typify to coming generations of college students the ideal college home.

The Library building contains the stack room, with shelving for 22,000 volumes, the large and well-lighted reading room and the Librarian's office. It is built of red brick trimmed with stone, is handsomely finished in hardwood, and is in all respects well adapted to its particular use.

The Gymnasium building contains the Founders' room, the Kindergarten rooms, the Gymnasium and an office. The rooms occupied by the Kindergarten department are large and well-lighted, and in every respect are well arranged for both

Wright Hall Reception Room

Dining Room

school and recitation purposes. The Gymnasium occupies the entire upper floor of the edifice, and with its equipment of apparatus, the generous gift of Mr. John W. S. Pierson of Stanton, Michigan, furnishes adequate facilities for athletic training. Here during the winter months, daily classes in physical culture offer to all the opportunity for that systematic training of the body which is so necessary to the health of the student.

The Hood Museum of Natural History, the gift of Mrs. Francis A. Hood of Saginaw, and Mr. Frank Hood of Marinette, Wis., was finished and dedicated in June, 1900. It is built of rock-faced paving brick, trimmed with red sandstone. It is two stories and a basement in height, with slate roof, and is one of the finest structures on the campus.

Pioneer hall, the men's dormitory, for which purpose the former Ladies' hall has been remodeled, is a substantial brick structure, three stories in height, standing at the northeast corner of the old campus. It is provided with modern conveniences, such as steam heat, electric lights and baths, and has rooms for forty students. The Assembly hall of the Y. M. C. A. on the first floor is conveniently located to serve the religious and the social needs of the men students.

These buildings, with the exception of the Museum, are heated by steam from a central heating plant.

The Libraries.

The Libraries of Alma College comprise:

(1) The General Library.

(2) The Pollasky Law Library.

(3) The Lucy Plum Mitchell Library of History and Political Economy.

(4) The Sarah H. Lancashire Library.

(5) The Arthur Hill Library of Lincolniana.

(6) The Joseph W. Ewing Memorial Library of Pedagogy and Education.

(7) The Mary C. Gelston Library of Latin Language and Literature.

(8) The David M. Cooper Memorial Library of Ethics and Theology.

The Libraries contain 24,378 volumes and a valuable collection of pamphlets. There has been an increase of 327 volumes for the year.

The collection embraces a great variety of works in Classical, English and Foreign Literature, in Biography and History, in the various Sciences and Arts, and is exceptionally well furnished with encyclopedias and complete sets of American and European reviews. They are classified and arranged according to the Dewey system, and an index of authors, titles and subjects places the contents of the Library at the command of all who are in search of information upon any subject.

Immediately adjoining the Library room is the Reading room, supplied with cases of reference books and the leading journals and periodicals of this country and England.

The Law Library, the gift of Marcus Pollasky, of Oklahoma, consists of 782 volumes, and occupying a separate alcove, is, during library hours, accessible to members of the bar, who are cordially invited freely to avail themselves of its privileges.

The Library of Lincolniana, the gift of the Hon. Arthur Hill of Saginaw fills a large case in the Reading room.

Both the Library and the Reading room are open every-week-day during the term from 8 a. m. to 12 m. and from 1 p. m. to 5 p. m., Saturday from 9 a. m. to 12 m., and from 1 p. m. to 5 p. m.

Students may examine and use the books and periodicals during library hours, and may draw one book at a time to be taken away and returned in one week, and, if renewed, one week longer. All other persons are allowed to use the Library and Reading room freely, and on payment of an annual fee of $1.00 are permitted to draw books on an equal footing with the students. Transient visitors in town are charged twenty-five cents per month. Resident ministers of the gospel and their families are permitted to draw books free of charge.

During the past year the Library has received gifts of books and magazines from the following:

Chas. F. Palmer, State Department, U. S. Census Bureau comptroller of N. Y., Dr. August F. Bruske, Prof. H. E. Densford, Chas. W. Hamilton, J. E. Hedges, J. A. Balbach, N. Y. Life

Insurance Co., Prof. A. P. Cook, Harvard University, Vice Commission of Chicago, A. R. Graves, Slason Thompson, J. Earle Webber.

Francis A. Hood Museum.

At Commencment, 1897, the Museum was formally opened in the east room of the ground floor of the Gymnasium Building. The installation of the collection in this place and the equipment of the Museum, had been made possible by the generous gift of Mrs. Francis A. Hood. of Saginaw, and her son, in memory of Mr. Hood, to whom the Museum is dedicated. At Commencement, 1900, The Hood Museum was formally opened again in the building west of the Library, which is wholly devoted to its needs. This building has two large exhibition halls lighted in such a way as to give the largest possible space for the display of the collections. In the basement are storerooms and laboratories for the preparation of specimens, making the building one of the most complete and convenient museum buildings in the state.

In this building it is hoped that the museum will become to students of Science what the library is to students of Literature and History, and it is proposed to make every specimen in it as accessible for study and comparison as the books in the library are.

The cases in use in the museum are built of oak, constructed on plans furnished by the U. S. National Museum, and are provided with adjustable shelves, dust and insect-proof doors, etc. At present the geological and mineralogical collections are the only ones systematically installed. Additional cases for the Winchell collection of fossils and for the Albino deer, have been provided through the generosity of Mrs. Francis A. Hood of Saginaw and Francis G. Hood of Marinette, Wis.

The collections of the College are:

(1) The Stilwell collection of Michigan birds and animals.

(2) The W. S. Crawford collection of birds.

(3) The Shroyer-Wilcox collection of palaeozoic fossils.

(4) The Alexander Winchell collection of rocks, minerals and fossils.

(5) The general geological and mineral collection.

(6) The general biological collection.

(7) The William. S. Cooper collection of shells, minerals, and butterflies.

The Stilwell collection was made by a former resident of Alma, most of the specimens being collected in the vicinity of the College and representing some species now extinct or very rare for this locality. It numbers nearly 300 specimens and was obtained by purchase.

The W. S. Crawford collection was made by the donor in various parts of the United States, and has a variety of rare specimens of birds from Florida, Arizona and Michigan.

The Shroyer-Wilcox collection is a systematic collection of palaeozoic fossils, those of the Cincinnati group of rocks being especially well represented. It is valuable as a supplement to the other collections of fossils in the museum. It was acquired by purchase.

The Alexander Winchell collection is the largest and most valuable acquisition of the museum. The collection is that gathered by Professor Winchell during his long and active life as a geologist and teacher, and contains over 6,000 specimens, many of which were collected in Michigan by Dr. Winchell and described by him. These type specimens have an especial value. The collection was presented by friends.

The general biological collection contains representative vertebrate and invertebrate animal material, most of it yet to be arranged for exhibition, which has been collected during the history of the College. It will occupy the upper hall of the Museum. It is estimated to contain 2,000 specimens.

The general geological and mineral collection is installed in the east end of the lower hall of the museum and numbers 2,500 specimens. It has been obtained largely by small gifts from numerous friends.

Laboratories.

The equipment of the Physical Laboratory is ample for experimentation in Mechanics, Hydrostatics, Light, Heat, Sound and Electricity. The Laboratory is supplied with gas, water, tables, and other appliances which add materially to its facilities for scientific work. A fine projecting and reflecting lantern has been added to its equipment.

The Biological Laboratory is furnished with all necessary apparatus for thorough and practical work. The equipment consists of a sufficient number of compound and simple microscopes, microtomes, paraffin bath, air and water nets collecting boxes, etc., for individual field and laboratory work.

The Chemical Laboratories now occupy the entire basement of the east wing of the recitation hall. This nearly doubles the laboratory space, and give much needed room for students in quantitative and special courses.

The General Laboratory is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate twenty-four students. Each desk is supplied with gas and water under pressure, re-agents and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement. Ventilating hoods have been placed over the tables, and much improved ventilation is the result.

The Quantitative Laboratory is equipped with three fine weighing balances, blast lamps and combustion and crucible furnaces, and is provided with a large ventilating hood.

The Organic Laboratory has a good ventilating hood, balance, hot air and water ovens, Kieldahl's apparatus for the determination of nitrogen, fat extractors, and such other apparatus as is required for the work.

The Chemical Department also possesses a fine spectroscope and a sufficient amount of miscellaneus apparatus for thorough, practical work. A polariscope has been purchased for use in the classes in Organic Chemistry. A reference library consisting of some of the latest chemical books, is kept in the Laboratory for use of students.

Wright Hall.

H. GRACE ANDREWS.
Dean.
MISS T. ALBERTSON,
Matron.

Wright Hall, the gift of Mr. A. W. Wright, is one of the most complete college dormitories in the country, and has accommodations for one hundred young women. It is heated throughout with steam, is lighted by electricity, has hardwood floors, and contains a spacious reception hall, parlors and dining room on the first floor, attractive rooms for the literary societies, commodious bath rooms, fitted with porcelain-lined tubs—in fact all has been planned for the health and comfort of the students.

It is desirable that all should be members of the family at Wright Hall, which is under the immediate supervision of the Dean. She is directly responsible for the government of the young women and will assign them their rooms and have the general supervision of their personal habits and activities.

Parents and guardians are invited to communicate freely with the Dean touching the interests of their daughters and wards, thus enabling her to understand and meet the peculiar needs of each student.

Girls under sixteen years of age will not be received, except by special arrangement.

At the time of application for admission a deposit of $5.00 must be made by each student in order to secure a room. This sum will be credited on the first semester's bill or will be refunded if the student decides to withdraw, provided notice is sent a month before the beginning of the college year.

The rooms are single or arranged in suites and are furnished with single enameled couch bed and springs, felt mattress and pad, pillow, oak dresser, wash-stand with crockery, study table, bookcase, chairs and window shades. Each student is expected to furnish her own towels, two pairs of sheets and pillow-slips, blankets or comforts, rugs and such conveniences and adornments as may be desired.

In addition, she should provide herself with one or more knives, forks, spoons, cups, plates, etc., for use in her room.

The price of single rooms is from $18 to $36 a semester, according to size and location, the most of them being $27 a semester. A deposit of 50 cents is required for keys, which is returned on surrender of keys.

Table board is $3.00 per week. The price may vary as necessity requires. An extra charge is made for meals sent to rooms.

Wright Hall will be closed during the vacations.

Any young woman wishing to enter the institution should make application to the Secretary of the College at an early date, giving age and requirements and stating wishes as to room, courses of study, etc.

Pioneer Hall.

MRS. EVA SPAULDING.
Matron.

To young men in Alma College who prefer dormitory life, ample facilities are offered at Pioneer Hall, where the substantial comforts and conveniences of home life are provided at moderate cost. All the rooms are lighted by electricity and heated by steam, and are cared for by a competent matron, who looks after the comfort of the students. Ample bathing and toilet conveniences are provided.

The government of Pioneer Hall is under the direction of a Board of Control, consisting of a representative of the Faculty and five young men chosen by students who are in residence at the Hall.

Each suite of rooms is provided with bedstead, springs, mattress, table, chairs book-rack and commode.

The occupant or occupants of a suite must furnish the necessary towels, sheets, pillow slips, and blankets or comforts, and meet the expense of laundering the same.

In addition, each student should provide himself with one or more knives, forks, spoons, cups, plates, etc., for use in his room.

The charge is $1.00 per week for each of two occupants of a suite, and $1.75 per week for a single occupant.

Each applicant upon engaging a room shall make a deposit of $2.50 to secure a room and also to meet any. damages that may be assessed against him. In case the room is not taken, the deposit will be returned, provided the due notice is given by August 15th. A deposit of 50 cents shall be made by each student for his room key, which amount will be refunded when the key is returned.

Old or new students who desire to room in the Hall during the next college year should apply at an early date to Albert P. Cook, Secretary, Alma, Mich.

Davis Field.

By the generosity of Charles H. Davis, Esq., of Saginaw, the College has been put in possession of an athletic field worthy of the donor and the College. The grounds, which are a part of the campus and not far from the Gymnasium, have been perfectly graded and drained, and are of ample extent for all athletic purposes. They are enclosed by a high board fence, and equipped with a foot-ball gridiron, a baseball diamond, a quarter-mile cinder track, and a grand stand capable of seating 400 people. Recently, bleachers have been erected, water mains put in and two new tennis courts laid out; and with these additions and improvements "Davis Athletic Field" ranks with the best college fields in the middle West.

Terms and Vacations.

Three terms comprise the college year.

A fall term of fourteen weeks, followed by the holiday vacation of two weeks.

A winter term of eleven weeks, followed by a vacation of one week.

A spring term of eleven weeks, followed by the summer vacation of twelve weeks.

For the purpose of instruction and examination, the year is divided into two semesters of eighteen weeks each.

For the dates of the opening and closing of terms and semesters, see Calendar at the beginning of this Catalogue.

Religious Organizations.

Young Men's and Young Women's Christian Associations have been maintained during the entire history of the College. The object of these Associations is to promote growth in grace and Christian fellowship among their members, and aggressive Christian work, not only by and for students, but in the whole community; to train young men and women for active Christian service, and to lead them to devote their lives to Jesus Christ. To this end Bible classes, Sunday schools, and volunteer band for mission work are maintained. Union prayer meetings are held on Wednesday evenings and separate prayer meetings on Sundav afternoons. These are well sustained and productive of great good.

The Associations issue an annual hand-book which contains a large amount of information especially valuable to new students. On their arrival they are met, warmly welcomed, made to feel at home, and assisted in every possible way by representatives of these Associations.

Literary Societies.

Five literary societies are in active operation: The Zeta Sigma, Alpha Theta, Phi Phi Alpha and Philomathean for College students, and the Froebel Club for members of the Kindergarten Department. The Zeta Sigma and Phi Phi Alpha are conducted by the young men; the Alpha Theta, Philomathean and Froebel Club by the young women. The aim of these societies is the development of a correct literary taste and the power of precise and ready expression.

Oratory and Debate.

Alma College is a member of the Michigan Inter-Collegiate Oratorical Association, which conducts two contests annually, one for men and one for women. The College is also a member of the Alma-Hope-Olivet League and of the Alma-Michigan Agricultural College-Ypsilanti League, and meets each of these colleges in debate annually. Conspicuous among the local events is the Chicago Medal Contest in oratory. Gold medals are awarded the winner of this contest and the representatives of the College in all inter-collegiate oratorical and debating events. The management is under the charge of the local Oratorical Association and Debating League.

The Classical Club.

The Classical Club is conducted by the students in the Ancient Languages under the supervision of the instructors in Greek and Latin. The aim of the Club is the promotion of an interest in classical literature and archaeology. Meetings are held twice a month during the college year.

The Science Club.

The Science Club was organized for general scientific research and for study in particular of the plants, animals and geology of the region in which the College is located. Meetings are held twice a month during the college year.

The Euterpe Musical Society.

This society is conducted by the members of the School of Music, who meet at regular intervals during the college year for the study of the lives and works of the masters in music.

The Honors System.

Under the new plan of marking, provision is made for the recognition of excellence in scholarship through a system of honor-points corresponding to the standings received. The minimum number of honor-points required for graduation is 80; for third honor (cum laude) 140; for second honor (magna cum laude), 180; for first honor (summa cum laude), 220.

College Publications.

Alma College Bulletin is published by the College four times a year, in February, May, August and November. The February issue is the College Catalogue, and the other numbers are devoted to the interests of the different schools. Copies of current issues may be obtained on application to the Secretary of the College.

The Almanian is the student publication and is issued weekly during the college year. It is conducted by a board of editors who aim to make it a faithful reflector of local college life in all its phases as well as a consistent supporter of the interests of the institution from the standpoint of the student body.

Aid for Students.

The interests of students of limited means are in charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose.

The children of home and foreign missionaries are granted scholarships, when regular students in College or Academy courses.

Students preparing for the ministry of the Presbyterian church can usually secure aid from the Board of Education to the amount of $100 per year.

A number of students can usually find employment in the city or in connection with the College. As a rule, no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

PERMANENT SCHOLARSHIPS.

To assist deserving young men and women who may need help in securing an education, generous friends of the College have endowed scholarships which, in general, yield an income of $30.00 per year, and pay the regular tuition of those students to whom they are assigned. At present we have thirty-eight of these scholarships.

Name.	Donor.
Mrs. C. P. Colvin	Mr. C. P. Colvin, Saginaw
Thomas Merrill	Mr. Thomas Merrill, Saginaw
Memorial Presbyterian Church	Rev. D. M. Cooper, Detroit
Laurense	Mr. Leonard Laurense, Detroit
Martha P. Seeley	Mr. John F. Seeley, Caro
Harry G. Kelton	Mr. and Mrs. John M. Kelton, W. Bay City
Charles D. Chatfield	Mr. Clarence B. Chatfield, Bay City
Lucy Plum Mitchell	Prof. Jas. E. Mitchell, Alma
Louis Penoyer, Memorial	Mrs. Emeline Penoyer, Saginaw
Edith M. Davis	Mrs. Edith M. Davis, Saginaw
Alba A. Lull	Mr. Alba A. Lull, Pontiac

Martha B. Heartt	Mr. William A. Heartt, Caro
William A. Heartt, 4 scholarships	Mr. William A. Heartt, Caro
First Presbyterian Church, Saginaw,	First Presbyterian Church, Saginaw
David M. Ladd, Memorial	U. P. and C. Church, Milford
Marian H. Plum	Mr. J. H. Plum, Milwaukee, Wis.
Helen Anderson Tanner	Mr. M. W. Tanner, Saginaw
Watson B. Robinson	Mr. James W. Robinson, Alma
Theodore D. Marsh	Rev. Theodore D. Marsh, D.D., Grand Rapids
Harriet Barton Wright, Memorial	Mrs. J. H. Lancashire, Alma
Margaret N. Thorburn	Mr. Jas. T. Thorburn, Detroit
John Cameron	Trumbull Ave. Presbyterian Church, Detroit
J. Ambrose Wight	First Presbyterian Church, Bay City
Katherine M. Inglis	Mr. Thomas Merrill, Saginaw
Brownell	Mrs. Mary E. D. Brownell's Estate, Detroit
William E. Rohlfs	Many friends
Grace Church, Saginaw	Mr. Thomas Merrill, Saginaw
Francis King	Mr. Francis King, Alma
M. S. Smith	Mrs. Helen Smith Deming, Detroit
Hazel B. Garland	Mr. Arthur Garland, Howell
Nathan B. Bradley	Elmer E. and Fred W. Bradley, Bay City
Horace B. Silliman	Dr. Horace B. Silliman, Cohoes, N. Y.
John P. Cleaveland	First Presbyterian Church, Detroit
Westminster Presbyterian Church	Westminster Presbyterian Church, Bay City
Rachel W. Pierson	Mr. John W. S. Pierson, Stanton

ANNUAL SCHOLARSHIPS.

The following persons and churches have also contributed scholarships good for one year:

Mrs. W. L. Curtis, Petoskey.
Mrs. Elizabeth C. Dailey, Detroit.
Rev. and Mrs. George A. Hill, Chicago, Ill.
Mrs. Louisa Y. King, Alma.
Mr. Fred Perry, Detroit.
Mr. S. J. Service, Detroit.
Mr. and Mrs. H. B. Smith, Bay City (2).
Mr. H. H. Soule, Alma.

Mr. J. M. Thurber, Detroit.
Presbyterian Church at Adrian.
Presbyterian Church at Albion.
Presbyterian Church at Battle Creek.
Presbyterian Church at Bridgehampton.
Presbyterian Church at Deckerville.
Presbyterian Church at Lamotte and Marlette.
Presbyterian Church at Mt. Pleasant.
Presbyterian Church at Marquette.
Presbyterian Church at Pontiac.
Presbyterian Church at Sault Ste. Marie, S. S.
Presbyterian Church at Tecumseh.
Bethany Presbyterian Church, Detroit.
Scovel Memorial Presbyterian Church, Detroit.
Drexel Park Presbyterian Church, Chicago.

These permanent and annual scholarships are offered to young men and women who intend to complete a regular course of study in the College or Academy, upon these conditions:

(1) The student must have had an average of 90 per cent. in the studies of the previous year, or he must have stood at the head of his class.

(2) He must be a person of good moral character.

HONOR SCHOLARSHIPS.

The Silliman and Brownell Scholarships, each amounting to $50 in tuition, are to be awarded annually to a young man and a young woman in the Junior class, of Christian character and high ideals, who have the highest scholarship records, as determined by honor points, in the studies of the Freshman and Sophomore years. These scholarships will be awarded for the first time at Commencement, 1912.

PRIZE.

Greek Prize — The income of the Justin Marsh Fund is hereafter to be awarded each year to the best scholar in New Testament Greek.

CENTRAL ALUMNI ASSOCIATION.

President.................................William H. Long, '98
Vice-President............................Harry A. Craig, '09
Recording Secretary and Treasurer........Sadie Messinger, '03

The Association was formed by the class of '91. It has had a vigorous growth, and has come to be regarded as an important and influential College organization. Its regular meeting is held on the Wednesday of Commencement Week, which has been designated as "Alumni Day."

ALUMNI ASSOCIATION OF THE NORTHWEST.

President.............................James L. McBride, '04
Secretary and Treasurer.........Carolyn Butler-Fairman, '01

DETROIT ALUMNI ASSOCIATION.

President..............................Stanley A. Graves, '10
Vice-President.......................Wallace F. Webber, '03
Secretary and Treasurer.............Marian Paddack, '99 Kg.

ALUMNAE ASSOCIATION OF THE KINDERGARTEN TRAINING DEPARTMENT.

President...........................Mrs. Kate Coddington, '93
Vice-President......................Mrs. Harriet Hudson, '03
Secretary and Treasurer..............Miss Edna Swigart, '01

COMMENCEMENT HONORS.

June 15, 1911.

CLASS OF 1911.

Bachelor of Arts.	**Bachelor of Philosophy.**
Hurd Allyn Drake.	Ethel Gertrude Carey.
Jean Dykes.	Kathleen Isabel Gillard.
Elizabeth Fern Seaver.	Gelma Ottelea Hahn.
Isabel Stevens.	Pearl Sarah Huber.
Robert Von Thurn.	Adelbert Hole Lindley.

Bachelor of Science.

Theron Eugene Chapel.
Leslie Philip Koepfgen.

Class Honors.

Valedictory	Isabel Stevens
Ancient Languages	Jean Dykes
History—Economics	Adelbert Hole Lindley
English—Modern Language	Selma Ottelea Hahn
Mathematics—Science	Florence Lillian Hood

State Teacher's Certificate.

Kathleen Isabel Gillard.
Selma Ottelea Hahn.
Pearl Sarah Huber.
Florence Lillian Hood.
Bessie Fern Seaver.
Isabel Stevens.

State Kindergarten Certificate.

Emma Bachi.
Irene Beer.
Florence Carman.
Flossie Eola Clark.
Misao Nakajima.
Anna Irene Reiser.
Marian Aleen Spinney.
Lu Ella Warner.

Graduate of the Academy.

Virgil Bonney Ayres.
Sidney Perry Cook.

EXPENSES.

WRIGHT HALL.	
Board, $3.00 per week, for the year	$108.00
Room rent, one in a room, for the year	$36.00 to 72.00
PIONEER HALL.	
Room rent, one in a room, for the year	63.00
Room rent, two in a room, for the year, each	36.00
COLLEGE.	
Semester bill $15.00, for the year	30.00
ACADEMY.	
Semester bill $15.00, for the year	30.00

MUSIC SCHOOL.

Pianoforte, Voice, Stringed Instruments, Pipe Organ, each—

One 30-minute lesson a week. per semester	13.00
Two 30-minute lessons a week, per semester	23.00
Three 30-minute lessons a week, per semester	30.00
Music Building, two lessons a week, per term (six weeks)	6.00
History of Music, per semester	5.00
Harmony, per semester	5.00
Public School Music, per semester	5.00
Pianoforte ensemble, per semester	5.00
Voice ensemble, per semester	5.00
Use of piano, one hour a day, per semester	4.00
Use of piano, two hours a dav, per semester	6.00
Use of piano, three hours a day, per semester	8.00

ART SCHOOL.

Oil and China Painting, Water Colors and Crayon Drawing—

Twenty-four lessons, per semester	12.00
Twelve lessons, per semester	8.00

Charcoal and Perspective Drawing—

Twenty-four lessons	6.00
Twelve lessons	4.00
Single lessons not in course	.75

Lessons are two and a half hours in length.

KINDERGARTEN TRAINING DEPARTMENT.

Semester bill $20.00, for the year	40.00
Books and material, for the year, about	9.00

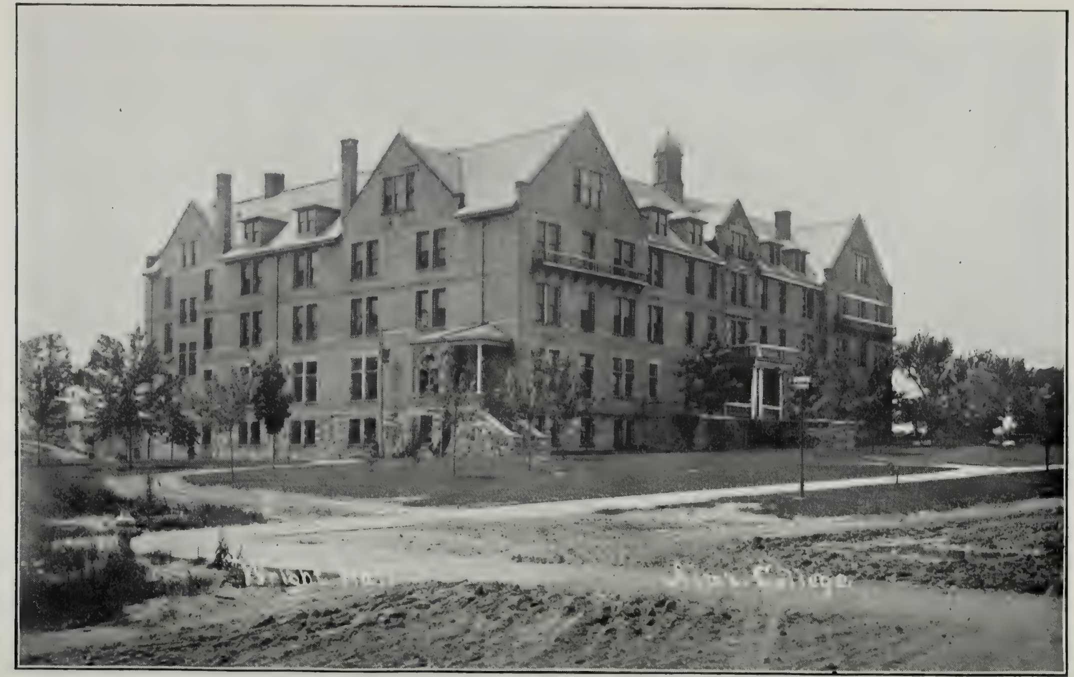
ELOCUTION AND ORATORY.

Private Lessons—

One 30-minute lesson a week, per semester	13.00
Two 30-minute lessons a week, per semester	23.00
Three 30-minute lessons a week, per semester	30.00

OTHER CHARGES.

Laboratory fee, Chemistry, per semester	5.00
Laboratory fee, Biology, per semester	3.00
Laboratory fee, Physics, per semester	2.00



Wright Hall

Incidental fee (except in Music and Art), per semester	5.00
Diploma fee	5.00
Certificate fee	1.00

REMARKS.

Children of home and foreign missionaries are granted scholarships, when regular students in College or Academy.

Students taking from one to five hours per week, pay no incidental fee; those who take from six to nine hours per week, pay $2.50 per semester; those who take ten or more hours per week, pay $5.00 per semester.

Art and Music students are allowed to take Academic work to the extent of five hours a week without extra charge.

Tuition bills in all departments must be paid by the semester in advance, and board at Wright Hall and room rent in either dormitory, by the month in advance.

In the College the regular expenses for the year are $170 to $200; in the Academy, $155 to $190; in the Kindergarten Department, $175 to $220. These amounts can be largely reduced through various forms of self-help.

GENERAL PRINCIPLES OF CONDUCT FOR ALL.

(1) Respect yourself.

(2) Have regard for the rights of others.

(3) Do nothing which you would be unwilling to have your parents know.

FORM OF BEQUEST.

Item—I hereby give and devise to Alma College, situated in Alma, Gratiot County, Michigan, the sum of................ dollars.

The Register of Students

THE COLLEGE.

Candidate for Master's Degree,
HURD ALLYN DRAKE, '11.

Seniors.

Over One Hundred Credits.

Louanna Dorothy Baker, III*	Midland
Eleanor Bittner, IV	Alma
Vinnie Cecile Booth, III	Alma
Laura Alice Brown, III	Alma
Loretta Blanche Clum, VI	Alma
Robert Howard Cook, I	Alma
Foster Allen Fraker, VII	Alma
Gladys Leona Gorton, I	Gregory
Ruth Elizabeth Hovey, III	Howell
Robert Frank Hume, VIII	Morenci
Leon William Lauderbach, VII	Cass City
Hattie Belle Mills, III	Alma
Carrie Elizabeth Neilson, III	Kalamazoo
Gail Enid Peacock, VIII	Evart
William Young Pohly, I	Elkton
Carrie Louise Rowland, I	Hesperia
Anna Laura Sebring, III	Alma
Ernest Wilburn Sebring, VII	Alma

Juniors.

From Sixty-five to One Hundred Credits.

Margaret Pollock Boag, VI	Calumet
George Joseph Brilmyer, VII	Milford
Marion Beryl Broderick, III	Detroit
Andrew Clifford Edgerton, VII	Cass City
William Arthur Ewing, I	Alma
Clara Elizabeth Hanel, III	Elk Rapids
William Allen Hooper, I	Alma
Emily Maud Hooper, IV	Alma
Marion Easter Hartness, Kg.	Ashland, Wis.
Leon A. Kolvoord, II	Allegan
John Lee Landon, I	Detroit

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*Group number.

Bernice Edna Latson, III	Howell
Oral Mirvin Misenar, V	East Jordan
Ethel Louise Mitchell, III	Harrisville
Chalmers A. Monteith, VII	Martin
Marguerite Rachael O'Neill, IV	Sault Ste. Marie
Ruth Marian Robbins, VI	Iron Mountain
Marian Van Horn Rounsifer, VII	Howell
Claude Webster Satterlee, VII	Detroit
Della Struthers, III	Pontiac
Edward Archibold Thompson, II	Caseville
Rex Edward Van Duzen, VIII	Breckenridge
Lester Von Thurn, I	St. Louis
Bernice Emma Walker, III	Alma

Sophomores.

From Thirty-five to Sixty-five Credits.

Emily Eleanor Beach	Detroit
Susie Lute Brown	Farwell
Mary Laura Clark	Clinton
Ruth Mary Cook	Alma
Sadie Beatrice Crawford	Sault Ste. Marie
Celia Creaser	Alma
Elizabeth Kinsman Crossen	Calumet
Mabelle Lillian Dean	Brown City
Joyce Rhoda Fairweather	Imlay City
Helena Brown Gilray	Sault Ste. Marie
Edith Taft Hagedon	Algonac
Theodore Shirley Higbee	Alma
Milo A. V. Hogan	Detroit
Bertha Belle Hubbell	Alma
Carroll C. Hyde	Addison
Neva Ollie Jenkins	Harbor Springs
Alice Virginia Kennedy	St. Louis
Esther Elizabeth King	East Tawas
Nina Elizabeth Lewis	Chicago, Ill.
Lester Belden McAllister	Oak Park, Ill.
Eva Luella McBain	McBain
Lula Lucile May	Stockbridge
Purl Irene Moreland	Caro
Lydia J. Resseguie	Middleton

Verne E. Rogers	Tecumseh
Thomas Stitt	Alma
Walter Albert Vogt	Palmyra
Harold Victor Wilcox	St. Louis

Freshmen.

Marcella Pauline Adams	Alma
Margaret Bertine Allen	Ithaca
Mildred Elizabeth Allen	Clinton
Frank J. Anderson	Omena
Paul Henry Austin	Monroe
Bess B. Bishop	Charlotte
Dallas David Brock	Alma
Josiah Bradley Buell	Ann Arbor
Charles Bope Butler	Bad Axe
Josephine Louise Butler	Elk Rapids
Clifford William Carey	Bad Axe
Sidney Perry Cook	Alma
Clyde Jacokes Creaser	Alma
Gladys Noll Dershem	Chicago, Ill.
Albert James Esselstyn	Lansing
Merle Morden Forrester	Deckerville
Anna Louise Fralick	Flint
Clarence Ray Goodrich	Cadillac
Rose Carol Gray	Edmore
Esther Halverson	Emerson
Ethlyn Bernice Harrison	Sault Ste. Marie
Harry Donovan Jackson	Alma
Arthur Leroy Johnson	Kent City
Frank Frederick Kolbe	Ann Arbor
Joseph Leroy Kennedy	Chicago, Ill.
Otha Ethelyn McCracken	Alden
Jean McGill	Marlette
Anna Mabel McNabb	Elkton
Arthur Alan McNabb	Elkton
Marguerite Mahoney	St. Charles
Paul James Morgan	Alma
Fred John Myers	Grass Lake
Rosalie Bendetson Netzorg	Elsie
Orin Durbin Osborn	Alma
Alfred Garlock Papworth	Howell

Buelah Parr	Alma
Ralph Edgar Peacock	Evart
Fred John Porter	Milford
Eural Levi Race	Alma
Maurice Lane Rushmore	Old Mission
Arthur H. Simenton	Marlette
Esther Roxana Shepherd	Adrian
George Gordon Snider	Cadillac
Valetta May Soper	Alma
Faith Mabel Welton	Grand Rapids
Vincent Addison Wilson	Alma
Alger H. Wood	Alma
Earl Wright Woodruff	Howell
Mabel Adiana Wyant	Alma
Florence Barlow Younglove	Detroit

Partials.

William J. Baker	Midland
Drayton Royal Blaske	Traverse City
Edward W. Brehm	Cadillac
Reginald Cady Burritt	Cadillac
John Mirkle Caldwell	Marlette
Vern Alton Dakin	Grass Lake
Fred Samuel Johnson	Cadillac
Robert King	Adrian
Ward Beecher Kitchen	Mayville
Bryson A. McCloy	Fairgrove
DeWitt Russell Marks	Plainwell
Archie Ruben Maybee	Hudson
Harold Whittemore Rix	Oscoda
William Madison Stinson	Kent City
Hilda Gertrude van Emster	Bay City
Fred Rahe Zubler	Breckenridge

THE ACADEMY.

Seniors.

Oscar M. Anderson	Omena
Besvin Anderson	Elk Rapids
Ralph Chisholm	Breckenridge

Bernice Amanda Miller	Detroit
Viviane Berkeley Miller	Detroit
Paul Edward Omans	White Cloud
Mathilde Ryan	Alma
George Edward Shepard	Dimondale
Roy Stanley Lutterhoh Yerex	Detroit

Juniors.

Edward Harbridge Bagley	Old Mission
John Encell Brinkman	Old Mission
Angelina Madeline DeCarlo	Detroit
Isabel Cameron Henderson	Cadillac
Harold Dillingham Pierson	Stanton
Ruth Robinson	Traverse City

Partials.

Helen Martha Beardsley	Detroit
Henry King	Alma
Alexander Nicholson	Calumet
Lloyd K. Cleveland	Traverse City

THE SCHOOL OF MUSIC.

Voice.

Iva M. Amsbury	Alma
Theo Maud Amsbury	Elwell
Oscar M. Anderson	Omena
Bertha Bielby	Lake City
John Encell Brinkman	Old Mission
Charles Bope Butler	Bad Axe
Mary Laura Clark	Clinton
Robert Howard Cook	Alma
Katherine May DeVries	Grand Rapids
Joyce Rhoda Fairweather	Imlay City
Merle Morden Forrester	Deckerville
Bertha Belle Hubbell	Alma
Robert Frank Hume	Morenci
Beatrice Clara Jackson	Detroit
Hazel Jenks	Harbor Beach
Leora Johnston	Alma

Alice Virginia Kennedy	St. Louis
Eva Luella McBain	McBain
Hattie Belle Mills	Alma
Bernice Amanda Miller	Detroit
Helen Katherine Mitchell	Harrisville
Fred John Myers	Grass Lake
Florence Eleanor Rozema	Britton, S. Dak.
Ruth Smith	Shelby
Dorothy Lu Towle	Stanton
Leota Wiles	Sumner
Earl Wright Woodruff	Howell
G. Verne Wright	Alma
Mrs. Walter Zimmermann	Breckenridge

Piano.

Iva M. Amsbury	Alma
Theo Maud Amsbury	Elwell
Bertha Bielby	Lake City
Blanche Bozer	Mt. Pleasant
Susie Lute Brown	Farwell
Ruth Mary Cook	Alma
Jean Elizabeth Cornwell	Cadillac
Laura Crandall	Alma
Hazel Bellville Crosby	Merrill
Elizabeth Kinsman Crossen	Calumet
Mabelle Dean	Brown City
Katherine May DeVries	Grand Rapids
Bess Lou Farley	Dallas, Texas
Edith Hagedon	Algonac
Isabel Cameron Henderson	Cadillac
Beatrice Clara Jackson	Detroit
Hazel Jenks	Harbor Beach
Elma Kelley	Harbor Beach
Leora Johnston	Alma
Alice Virginia Kennedy	St. Louis
Nina Elizabeth Lewis	Chicago, Ill.
Jean McGill	Marlette
Vera Bell McLaughlin	Yale
Fannie Marvin	Elm Hall
Lula Lucile May	Stockbridge

Viviane Miller	Detroit
Ella Miller	Alma
Helen Katherine Mitchell	Harrisville
Purl Irene Moreland	Caro
Rosalie Bendetson Netzorg	Elsie
Mrs. Rachel Petrie	Alma
Ruth Robinson	Traverse City
Mary Rhoda Rose	Ashley
Florence Eleanor Rozema	Britton, S. Dak.
Esther Roxana Shepherd	Adrian
Juno Shepherd	Alma
Leota Wiles	Sumner
Vincent Addison Wilson	Alma
Mrs. Walter Zimmermann	Breckenridge

Violin.

Clifford Spencer Allen	Breckenridge
Angelina Madaline DeCarlo	Detroit
Ward G. Hodge	Breckenridge
Irving J. Lyon	St. Johns
Wesley Muscott	Breckenridge

Music Building.

Mary Acker	Coe
Robert Baker	Alma
Helen Bonewell	St. Louis
Norman Branch	St. Louis
Beulah Brown	Alma
Mildred Carmer	Alma
Bemsley Conn	Alma
Robert Conn	Alma
Flossie Foster	St. Louis
Ruth Halverson	Emerson
Nellie Henry	St. Louis
Dorothy Hilsinger	St. Louis
Lucile Hodge	Breckenridge
Ruth Hubbard	St. Louis
Alberta Hyde	Alma
Dorothy Jackson	Alma
Madeline Miller	Alma
Susan Miller	Alma

Frank Notestein	Alma
Robert Notestein	Alma
Bernice Omelia	St. Louis
Helen Parr	Alma
Ivah Perrigo	Forest Hill
Kenneth Priest	Alma
Frances Priest	Alma
Esther Rhodes	Alma
Helen Selby	North Star
Ruth Selby	North Star
Olga Stockburger	St. Louis
Louise Tuger	St. Louis
Howard Wilson	St. Louis
Nellie Wilson	St. Louis
Dean Wright	Alma

Classes Outside of Alma.

Lorena Moore, V., P.	Breckenridge
Howard Moore, P.	Breckenridge
Edna Pierce, V., P.	Breckenridge
Lena Merrill, V.	Breckenridge
Olive Myers, V.	Breckenridge
Ivah Campbell, V., P.	Breckenridge
Lillian Goll, Harmony	Breckenridge
Jennie Coman, P.	Breckenridge
Ethel Sabins, V.	Breckenridge
Leah Lyons, V.	Shepherd
Ilah Ervey, V.	St. Louis
Thelma Turner, P.	Ashley
Glenn Kilburn, V.	Ashley
Bernice Mills, V.	Ashley
Josephine Cornell, V.	Ashley
Mary Rose, V.	Ashley
Mrs. Gilleo, V.	Ashley

V., Voice; P, Piano.

THE SCHOOL OF ART.

Mildred Elizabeth Allen	Clinton
Louanna Dorothy Baker	Midland

Helen Martha Beardsley	Detroit
Bertha Bielby	Lake City
Margaret Boag	Calumet
Mrs. Clarence Clark	Alma
Laura Crandall	Alma
Hazel Bellville Crosby	Merrill
Mabelle Lillian Dean	Brown City
Katherine May DeVries	Grand Rapids
Lena Maud Drake	Armada
Cora Dunlap	Alma
Bess Lou Farley	Dallas, Texas
Edith Taft Hagedon	Algonac
Hazel Jenks	Harbor Beach
Elma Kelley	Harbor Beach
Harriet McGreaham	Alma
Vera Bell McLaughlin	Yale
Marguerite Racheal O'Neill	Sault Ste. Marie
Beulah Parr	Alma
Mrs. James W. Robinson	Alma
Carrie Louise Rowland	Hesperia
Pearl Turner	Alma
Viola Helen Weis	Alma

SUMMARY.

The College	137
The Academy	19
The School of Music	110
The School of Art	24
	290
Counted twice	45
Whole number for year	245

CONTRIBUTIONS.

From March 1, 1911, to March 1, 1912.

In 1902, a friend of the College promised to give $25,000 for the general endowment on condition that the Synod of Michigan should raise a like amount for the endowment of the Chair of English Bible and Theism.

During the year the churches have contributed to this fund as follows:

Adrian	$ 17.00
Allegan	36.42
Bay City, First	61.86
Big Rapids	2.00
Blissfield	12.50
Brighton	2.00
Calumet	20.00
Centerville	3.00
Coldwater	10.00
Deckerville	1.00
Detroit—	
Cadillac Avenue	2.00
Calvary	10.00
Covenant	20.00
Forest Avenue	14.22
Jefferson Avenue	15.00
Memorial	8.00
Scovel Memorial	25.00
Second Avenue	6.70
Trumbull Avenue	1.00
Woodward Avenue	40.00
Emerson	3.75
Erin	1.00
Fairgrove	10.00
Flint	55.00
Flynn	2.00
Grand Haven	10.00
Grand Rapids—	
First	16.08
Third	4.00
Westminster	27.20
Grayling	4.25
Harbor Beach	4.00
Hillsdale	14.00
Holly	10.00
Holt	3.16
Houghton	$ 6.00
Howell	137.50
Ida	4.00
Jackson	16.00
Jonesville	10.00
Kalamazoo	24.12
Lafayette, Second	2.00
Lamotte	5.00
Ludington	8.97
McBain	3.00
Marlette, Second	7.00
Marquette, S. S.	4.00
Martin	3.00
Mason	10.00
Menominee	4.80
Midland	26.60
Mt. Clemens	10.00
Mt. Pleasant	2.00
Muir	6.00
Mundy	6.00
Munising	7.00
Palmyra	5.00
Plymouth	10.00
Redford	3.00
Saginaw—	
First	48.43
Washington Avenue	3.00
Southfield	3.00
Spring Lake	6.00
Stockbridge	14.00
Sturgis	1.00
Three Rivers	7.00
Vassar	3.00
Wyandotte	5.00
Ypsilanti	10.00

ANNUAL SCHOLARSHIPS.

Individuals.

Mrs. W. L. Curtis, Petoskey, $30.00; Mrs. Elizabeth C. Dailey, Detroit, $30.00; Rev. and Mrs. George A. Hill, Chicago, Ill., $30.00; Mrs. Louisa Y. King, Alma, $30.00; Mr. Fred Perry, Detroit, $30.00; Mr. S. J. Service, Detroit, $30.00; Mr. and Mrs. H. B. Smith, Bay City, $60.00; Mr. Henry H. Soule, Alma, $32.00; Mr. J. M. Thurber, Detroit, $70.00.

Churches.

Adrian, $33.00; Albion, $30.00; Battle Creek, $30.00· Bethany, Detroit, $30.00; Bridgehampton, $2.25; Deckerville, $17.21; Lamotte, $7.91; Marlette, First, $8.30; Marquette, $30.00; Mount Pleasant, $11.62; Pontiac, $30.00; Sault Ste. Marie, S. S., $30.00; Scovel Memorial, Detroit, $30.00; Drexel Park, Chicago, $30.00; Tecumseh, $30.00.

MISCELLANEOUS.

For Campus Endowment, Estate of Mr. Clem Naldrett, $500.00; interest bearing notes for Campus Endowment, various persons, $495.00; on which there has been paid in cash, $15.00 by Miss Grace D. Roberts and $7.60 by Frank R. Hurst.

For Beautifying the Campus, current account, Mrs. Louisa Y. King, Alma, $30.00; Prof. Jay Clizbe, $10.00; Leslie Koepfgen, $5.00; Adelbert Lindley, $5.00; Mr. E. B. McDonald, $2.00; many students, $82.71.

Mr. A. W. Wright, miscellaneous, $37.25; deficit, $50.00

Trumbull Avenue Presbyterian Church, Detroit, on the John Cameron Scholarship, $50.00; The Alumni Association, on the Mary C. Gelston Latin Library Endowment, $105.23; John W. S. Pierson, scholarship pledge, $500.00; Insurance agents, $164.58.

For enlarging stack-room space and repairing the library building, Mr. Joseph L. Hudson, $100.00; Mr. Jeremiah Dwyer, $100.00; Mr. Henry M. Leland, $200.00; Mr. Arthur H. Behl, $100.00; Mr. Alex. McPherson, $100.00; Mr. George C. Wetherbee, $25.00; all of Detroit.

LIST OF ALUMNI.

Class of 1891.

Bernice Hunting, Mission Teacher..............Tripoli, Syria
Alfred Field Pratt..........................Campbell, N. Y.
Bertha May Trask, Teacher........................Saginaw

Class of 1892.

Mrs. Mary Cook-Streng..............................Detroit
Ralph C. Ely, Attorney........................Deming, N. M.
Francis Wayland Eply, Prof. Physics and Chemistry, State Normal School...........................Geneva, Wash.
Mrs. Katherine Slater-Hubbard.......................Monroe

Class of 1893.

Charles E. Blanchard, The Continent..............New York
Matie C. Hill...Flint
Mrs. Josephine Hodges-Waldo.............Chambersburg, Pa.
Mary O. Hunting, Prof. of Latin, Simpson College..Indianola, Ia.
Mrs. Bessie McLean-Sherman............White Plains, N. Y.
James. E. Mitchell, Prof. of History and Pol. Sci., Alma College ....Alma
*Mrs. Lucy Plum-Mitchell..............................Alma
*Herrick J. Ransom....................................Muir

Class of 1894.

Mrs. Esther Marsh-Cram................................Flint
Frank Marsh..................................Grand Rapids

Class of 1895.

Ralph Flewelling, Pastor Harvard St. M. E. Church...Cambridge, Mass.
Arthur L. Toner, Pastor Presbyterian Church.....Elwood, Ind.
Ambrose B. Wight, Prin. Talcott School.........Chicago, Ill.

Class of 1896.

Mrs. Clara Booth-McKee.........................Chicago, Ill.
Louis S. Brooke, Pastor Presbyterian Church..........Howell
Fred Fullerton, Life Insurance.....................Ann Arbor
William A. Howe, Teacher...............Carson City, Wash.

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*Deceased.

Elizabeth Jones, Teacher	La Mesa, Cal.
Edward Clark Marsh, Vice-Pres. Macmillan Co.	New York City
Jos. T. Northon, Supt. of Schools	East Jordan
*Richard Sidebotham, Missionary	Fusan, Korea

Class of 1897.

Kendall P. Brooks, Prof. Physics, Central Normal School,	Mt. Pleasant
Mrs. Gratia Dunning-Brooks	Mt. Pleasant
Letta E. Burns, Normal Training School	New York City
Jacob Klasse	Grand Rapids
A. John Van Page, Pastor Millard Ave. Pres. Church	Chicago, Ill.

Class of 1898.

Anna Girmus	Bridgeport
Winifred F. Heston	U. P. Hospital, Jhelum, India
Birdsey Scott Bates, Pastor Pres. Church	Forest River, N. D.
Mrs. Frances Adams-Bates	Forest River, N. D.
Paul Hale Bruske, Editor	Detroit
James I. Crane	Brooklyn, Mich.
Sherman Landon Divine, Pastor Woodward Ave. Pres. Church	Detroit
Elmer Eckard, M. D	Peoria, Ill.
Maurice Grigsby, Pastor Pres. Church	Hastings
William Henry Long, Pastor Pres. Church	Mt. Pleasant
Franklin Warren McCabe	Pasadena, Cal.
Mrs. Mertha Peters-Myler	Los Angeles, Cal.
Charles Ernest Scott, Missionary	Shantung, China
John Bartlett Stevens, Missionary	Juneau, Alaska

Class of 1899.

Mrs. Maud Bishop-Clark	Harbor Springs
*Frances Thorne Booth	Alma
Weston T. Johnson, Missionary	Sappori, Japan
Harry Erastus Porter, Pastor Pres. Church	Zanesville, O.

Class of 1900.

Jacob C. Foote, Prof. of English, State Normal School,	Bloomsburg, Pa.

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*Deceased.

George A. Hill, Pastor Drexel Park Pres. Church......Chicago
David Magaw, Farmer..............................Gooding
Mrs. Mary W. Plum-Bruske..........................Detroit
George Basil Randels, Prof. Psychology and Pedagogy...Alma

Class of 1901.

Henry P. Bush, Jr., County Commissioner of Schools......Caro
Mrs. Carolyn Butler-Fairman...................Chicago, Ill.
Winifred F. Carl, Prin. of High School............Wyandotte
Donald S. Carmichael, Pastor Pres Church...........Bad Axe
Annabelle Chisholm, Teacher....................Globe, Ariz.
Amos R. Eastman, Business.........................Howell
Daisy L. Hard, County Commissioner of Schools........
....Colville, Wash.
Harry E. Reed, Teacher..........................Bay City
Watson B. Robinson, Attorney...............New York City
Charles W. Sidebotham, Pastor Pres. Church........Brooklyn
Winifred G. Trapp, Teacher...........................Alma

Class of 1902.

Wesley Bradfield............................Santa Fe, N. M.
William E. Brock, Mining Engineer........Parral, Chih., Mex.
John N. Booth, Prof. of History, Racine College..Racine, Wis.
William J. Ewing, Pastor Pres. Church............Villisca, Ia.
Egbert E. Fell, Supt. of Schools....................Holland
Agnes Hope.......................................St. Johns
Alice Rebecca Marsh, State Sec. Y. W. C. A..........Detroit

Class of 1903.

Lucius S. Bagley, Bank Cashier................Morris, Okla.
William Ray Baker, Commercial Teacher.......Davenport, Ia.
John Y. Brook, Pastor Dutch Reformed Church..Plainfield, N. J.
Mrs. Margaret Fitzpatrick-Ireland..............Buffalo, N. Y.
*Pearl Fuller, Mining Chemist and Engineer...Virginia, Minn.
Mrs. Pauline Hazelton-Gorrel................Winnemac, Ind.
Arthur J. Helmer................................California
Sadie Messinger, Music Teacher.......................Alma
Myrtle Ione Nicholson, Teacher...................Manistique
Hugh Norman Ronald, Pastor Pres. Church..Thorntown, Ind.
John S. Shiner, Commercial Traveler.............Chicago, Ill.

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*Deceased.

Mrs. Essy Hooper-Sidebotham	Brooklyn
Henry H. Soule, Business	Alma
Laura B. Soule, Teacher	Alma
Margaret K. Taylor	Charlotte
T. George Timby, Mining Chemist	Chicago, Ill.
Wallace F. Webber, Business	Detroit
Alice B. Thompson, Teacher	Globe, Ariz.

Class of 1904.

J. Wirt Dunning, Pastor Pres. Church	Portsmouth, O.
Frank R. Hurst, Field Secretary Alma College	Alma
Mrs. Bertha Higbee-Hurst	Alma
James L. McBride, Pastor Rogers' Park Pres. Church	Chicago
Leora M. Morton, Teacher	Howell
Mrs. Elizabeth Schmidt-Randels	Alma
Mrs. Kate Bair-Ronald	Thornton, Ind.
Martin J. Stormzand, Teacher	Freeport, Ill.
Mrs. Nellie C. Stringham-Hart	Philadelphia
Raymond G. Swigart, Prin. of High School	Mt. Pleasant
*Herbert A. Wilcox	Alma
William Winton, Jr., Life Insurance	Montclair, N. J.

Class of 1905.

Levi J. Butler, Rancher	Irma Alta, Alberta
*Orson Charles Chapman	Holt
Mrs. Carolyn Hastings-Brown	Olathe, Colo.
David A. Johnson, Pastor Pres. Church	Marengo, Ia.
James Norman King, Pastor Pres. Church	Hicksville, O.
Mrs. Leola Lauderbach-Stoddard	Butte Falls, Or.
Louise Townley Strange	Grand Ledge
Jerome Earl Webber, Pastor Pres. Church	Alpena

Class of 1906.

William Skinner Cooper, University of Chicago	Chicago, Ill.
Lillian Crandell, Teacher	Ovid
Harold Garfield Gaunt, Pastor Pres. Church	Wheaton, Minn.
Elizabeth Anne Hunt, Teacher	Holland
Beryl Kefgen, Teacher	Milan
Howard Potter, Commissioner of Schools	Ithaca
Fred Judson Soule, Pastor Baptist Church	Somerville, N. J.

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*Deceased.

Class of 1907.

Paul J. Allured, Missionary.................Shek Lung, China
Gretta Bagley..Alma
Erle H. Casterlin.....................Rio Pedras, Porto Rico
Mrs. Mayme Hayes-Hinds........................Toledo
Mrs. Susie L. Hawes-Gaunt..................Wheaton, Minn.
Minnie Kinnaird, Mission Teacher..........Albuquerque, N. M.
Olive J. Smith, Teacher.................................Alma

Class of 1908.

Harry J. Bastone Teacher High School............Marquette
Francis W. Cobb, Teacher.....................Seattle, Wash.
Edith L. Cook, Librarian Public Library.........Cleveland, O.
Helen B. Cook, Librarian Alma College.................Alma
Robert Craig, Jr., Forester........................Hebo, Or.
Hary W. Helmer, Athletic Director, Central Normal School
....Mt. Pleasant
Mrs. Elvena G. Hoover-Hill.........................Bad Axe
George P. Horst, Pastor Pres. Church............Philadelphia
Herman N. Morse, Columbia University...........New York
Gladys Nelson, Teacher..................................Ithaca
Ruth O. Pierson, Bacteriologist State Board of Health..
....Providence, R. I.
Ralph E. Raycraft, University of Michigan.........Ann Arbor
Lester W. Sharp, University of Chicago..........Chicago, Ill.
George D. Sutton, University of Michigan.........Ann Arbor

Class of 1909.

Mrs. Grace Brown-Tate........................Denver, Colo.
Byron J. Chapel, Science Teacher.............Burlington, Ia.
Maynard A. Cook, University of Wisconsin.....Madison, Wis.
Harry A. Craig, Principal High School............Charlevoix
Lois L. Fraker, Teacher of Latin and German, High School
....Grand Ledge
Hazel Fraser, Teacher in Public Schools................Alpena
Mark L. Marshall, McCormick Theo. Seminary........Chicago
Theodore Nelson, Teacher...................New Bremen, O.
Stella I. Pollard-Cobb........................Seattle, Wash.
Emma M. Swigart, Teacher of Latin and German....Charlevoix
Harlow W. Whittemore, Teacher Chem. and Physics, Kalamazoo

Class of 1910.

Hazel S. Blair, Teacher in High School	Milan
Elsie E. Bond, Teacher in High School	Reed City
Royal R. Campbell, Physical Director Detroit College	Detroit
Cass Chase, Student in Law School	Detroit
Myrtie Creaser, Principal of High School	Carson City
Alexander Duncanson, Prin. Schools	Wolverine
Stanley A. Graves, Clerk in M. C. R. R. offices	Detroit
Frank B. McComb, Asst. Principal	Caro
Agnes R. Redman, Teacher in High School	Ovid

Class of 1911.

Ethel G. Carey, Columbia University	New York
Theron E. Chapel, Principal of School	Elsie
Hurd A. Drake, Pastor Pres. Church	St. Louis
Jean I. Dykes, Teacher in High School	Grayling
Kathleen I. Gillard, Teacher in High School	Gladstone
Selma O. Hahn, Y. W. C. A. Secretary	Detroit
Florence L. Hood, Principal High School	St. Charles
Pearl S. Huber, Teacher in High School	Midland
Leslie P. Kefgen, Principal High School	Newberry
Adelbert H. Lindley, Columbia University	New York
Bessie F. Seaver, Teacher in High School	Harbor Beach
Isabel Stevens, Teacher in High School	East Lansing
Robert Von Thurn, Auburn Theo. Seminary	Auburn, N. Y.

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